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F. & F. Nurseries

SPRINGFIELD,
NEW JERSEY

LITERARY
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U. S. Department of Agriculture





Greetings

"Just opposite the old Colonial Church" in Springfield, N. J., is more specific than it may appear, for the lovely old church has been there since the revolution and we have become well rooted "cross the way" during the span of more than a half century. Come to see our test gardens and nurseries, you will enjoy the day—and we like to meet folks.

Our prices are based upon the value of the plant offered—not upon its name and measurement. There is a vast difference in quality even though printed sizes may be alike. Our material has been given ample space for development, has been judiciously pruned and transplanted and is carefully dug and handled throughout.

A word about this book—it's difficult to arrive at maximum usefulness without being too encyclopedic. If we have omitted any points of information that would be generally useful to real gardeners please drop a hint.

As to plant material—quality is self evident, and we mean to maintain the high standard already established.

So, if this catalogue becomes your planting companion, then it will have accomplished one of its purposes.

F. & F. Nurseries

SPRINGFIELD



NEW JERSEY

TELEPHONE MILLBURN 6-0152



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Deciduous and Evergreen Trees, Shrubs and Vines



The figures immediately following the name of each plant indicate the approximate height at maturity, which will vary considerably according to soil, exposure and other factors.

— A —

Each Ten Hundred

ABELIA grandiflora. 5'-6'

Glossy Abelia

HALF-EVERGREEN. Dainty bell-shaped shell-pink flowers produced throughout summer. The glossy privet-like foliage will persist all winter in a protected spot. Neat.

12 to 15 in.	4" pots.....	.60	.50	.40
1½ to 2 ft.	B. & B.....	.90	.80	

ABIES concolor. 50'-60'

White Fir

EVERGREEN. This "Queen of the Firs" is a handsome thing with large flat silvery-green needles that seem to become more blue with age. As a pyramidal accent plant it is splendid, it withstands city conditions and drought.

15 to 18 in.	B. & B.....	1.20	1.00	
1½ to 2 ft.	B. & B.....	1.75	1.50	1.35
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.75	3.30	
3 to 4 ft.	B. & B.....	4.50		
5 to 6 ft.	B. & B.....	6.75		

homolepis. 60'-70'

Nikko Fir

EVERGREEN. From the youthful broad-based pyramid this stately fir develops into a bold round-topped tree. Stiff lustrous green needles have silvery reverse. Hardy.

3 to 4 ft.	B. & B.....	5.00	4.50	
4 to 5 ft.	B. & B.....	6.50	6.00	
5 to 6 ft.	B. & B.....	8.00	7.00	
6 to 7 ft.	B. & B.....	10.00	9.00	
7 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	15.00	13.50	
10 to 12 ft.	B. & B.....	18.00		
12 to 14 ft.	B. & B.....	24.00		

veitchi. 50'-60'

Veitch Fir

EVERGREEN. A rather dainty narrow pyramid of soft green. The silvery under side of needles is quite marked.

2½ to 3 ft.	B. & B.....	3.00	2.70	2.40
3 to 4 ft.	B. & B.....	4.25	4.00	3.60
4 to 5 ft.	B. & B.....	5.25		
5 to 6 ft.	B. & B.....	7.00		
6 to 8 ft.	B. & B.....	9.00		
8 to 10 ft.	B. & B.....	13.50		

Perhaps some of the combination plantings on pages 132-133 will fit in your garden. Won't you please suggest others that are effective?

Each Ten Hundred

ACANTHOPanax pentaphyllum. 7'-8' **Five Leaf Aralia**

Particularly useful for covering rocky slopes. Good bright green shining foliage, graceful arching habit.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.65	.60	.55
4 to 5 ft.	.....	.85	.75	

ACER

palmatum atropurpureum novum. 8'-10' **Purple Japan Maple**

The characteristic wine-red coloring is reasonably persistent throughout summer in this improved form. Makes a well-shaped, compact bush, and improves with age.

1 to 1½ ft.	B. & B.....	1.25	1.00	.90
1½ to 2 ft.	B. & B.....	1.75	1.50	1.25
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.50	3.00	2.75
3 to 4 ft.	B. & B.....	5.00	4.50	4.00
4 to 5 ft.	B. & B.....	7.50	6.75	6.00
5 to 6 ft.	B. & B.....	9.00	8.00	
6 to 7 ft.	B. & B.....	12.00	11.00	

— **crispum. 10'-12'**

Crested Purple Japanese Maple

The foliage is more deeply and irregularly cut and the coloring lighter and fresher. Unfortunately not well-known.

1 to 1½ ft.	B. & B.....	1.25	1.00	
1½ to 2 ft.	B. & B.....	1.75	1.50	
2 to 2½ ft.	B. & B.....	2.50	2.25	
2½ to 3 ft.	B. & B.....	3.50	3.00	
3 to 4 ft.	B. & B.....	5.00	4.50	
4 to 5 ft.	B. & B.....	7.50		

— **dissectum. 5'-6'**

Cutleaf Japanese Maple

Deeply cut leaves impart a lacy, soft appearance to the flat-topped low spreading bush. Grows very slowly, but at maturity is a characterful billowy mound of fresh green.

1 to 1½ ft. spread, B. & B.....	2.50	2.25	
1½ to 2 ft. spread, B. & B.....	4.00	3.50	
2 to 2½ ft. spread, B. & B.....	6.00	5.25	
2½ to 3 ft. spread, B. & B.....	8.00		

— **purpureum. 5'-6'**

Purple Cutleaf Maple

Differs from the green, only in having wine-stained foliage.

1 to 1½ ft. spread, B. & B.....	2.50	2.25	1.75
1½ to 2 ft. spread, B. & B.....	4.00	3.50	3.00
2 to 2½ ft. spread, B. & B.....	6.00	5.25	4.80
2½ to 3 ft. spread, B. & B.....	8.00	7.20	

— **filicifolium. 8'-10'**

Fernleaf Japanese Maple

Somewhat irregular in outline, between the cutleaf form and the type with graceful airy green foliage.

2 to 2½ ft. B. & B.....	3.00	2.70	
2½ to 3 ft. B. & B.....	4.00	3.60	
3 to 4 ft. B. & B.....	6.00	5.40	

— **nigrum. 10'-12'**

Darkest Purple Form

This is nearest to a purple maple.

Vigorous, holds color.

1 to 1½ ft. B. & B.....	1.25	1.00	.90
1½ to 2 ft. B. & B.....	1.75	1.50	1.25
2 to 2½ ft. B. & B.....	2.50	2.25	2.00
2½ to 3 ft. B. & B.....	3.50	3.00	2.70
3 to 4 ft. B. & B.....	5.00	4.50	4.00
4 to 5 ft. B. & B.....	7.50	6.75	
5 to 6 ft. B. & B.....	9.00	8.00	
6 to 7 ft. B. & B.....	12.00	11.00	

ACER—Continued

Each Ten Hundred

pennsylvanicum. 30'-35'**Striped Maple**

The green bark is lined with striking white stripes.

4 to 6 ft.	.....	1.75
6 to 8 ft.	.....	2.50

platanoides. 60'-80'**Norway Maple**

Probably the easiest tree to transplant successfully. Throws a dense shade, so must be trimmed high if grass is to grow under it. Holds its green foliage until late.

8 to 10 ft.	.....	2.00	1.75	1.35
8 to 10 ft., 1 1/4 to 1 1/2 in.	.....	2.50	2.25	2.00
9 to 10 ft., 1 1/2 to 1 3/4 in.	.....	3.00	2.70	2.40
10 to 12 ft., 1 3/4 to 2 in.	.....	4.00	3.50	
12 to 14 ft., 2 to 2 1/2 in.	.....	5.25	4.50	
12 to 14 ft., 2 1/2 to 3 in.	.....	7.00	6.25	
14 to 16 ft., 3 to 3 1/2 in.	.....	10.00	9.00	
16 to 18 ft., 3 1/2 to 4 in.	.....	13.50	12.00	
18 to 20 ft., 4 to 5 in.	.....	20.00	18.00	
18 to 20 ft., 5 to 6 in.	.....	27.00		

—schwedleri. 60'-80'**Schwedler Maple**

The young leaves are bright red, but as summer approaches turn to a rich dark green with a suggestion of purple in them. This brightens up again in autumn.

10 to 12 ft., 1 3/4 to 2 in.	.....	5.00	4.50
12 to 14 ft., 2 to 2 1/2 in.	.....	6.00	5.40
12 to 14 ft., 2 1/2 to 3 in.	.....	8.00	

rubrum. 80'-100'**Red Maple**

A well-loved native so noticeable in spring, when the fiery red blossoms cover the branches, and again in autumn, when the vivid scarlet dress is a high spot. Ordinarily found in low places but succeeds well in high land too.

8 to 10 ft., 1 1/4 to 1 1/2 in.	.....	3.00	2.75
9 to 10 ft., 1 1/2 to 1 3/4 in.	.....	4.25	3.75
10 to 12 ft., 1 3/4 to 2 in.	.....	5.50	5.00
12 to 14 ft., 2 to 2 1/2 in.	.....	7.00	6.25
12 to 14 ft., 2 1/2 to 3 in.	.....	9.00	8.00
14 to 16 ft., 3 to 3 1/2 in.	.....	12.00	
16 to 18 ft., 3 1/2 to 4 in.	.....	15.00	

saccharum. 100'**Sugar Maple**

Quite a princely tree dissatisfied with city life, but assumes noble proportions in clear atmosphere. The autumn colors ranging through all the fiery tones make this, for spectacularly beautiful foliage effects, the most glorious of all trees.

8 to 10 ft., 1 1/4 to 1 1/2 in.	.....	3.00	2.70	2.40
9 to 10 ft., 1 1/2 to 1 3/4 in.	.....	3.75	3.30	3.00
10 to 12 ft., 1 3/4 to 2 in.	.....	4.50	4.00	3.60
12 to 14 ft., 2 to 2 1/2 in.	.....	6.00	5.25	4.75
12 to 14 ft., 2 1/2 to 3 in.	.....	9.00	8.00	7.00
14 to 16 ft., 3 to 3 1/2 in.	.....	13.50	12.00	10.50
16 to 18 ft., 3 1/2 to 4 in.	.....	18.00	16.50	
18 to 20 ft., 4 to 5 in.	.....	22.50		

spicatum. 15'-20'**Mountain Maple**

If used only for its gay autumn dress, a well worth-while little tree. The bunches of red-winged fruits are interesting.

3 to 4 ft.	.....	1.50
4 to 5 ft.	.....	2.00
5 to 6 ft.	.....	2.75

ACTINIDIA arguta. 30' Vine.**Bower Actinidia**

Rich green leaves—greenish white flowers—yellow berries—and rapid growth are the main characteristics.

2 year60	.50	.40
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Consult our list of "forgotten plants" on page 119.

AESCRUS**hippocastanum rubicunda. 40'-50'**

Great trusses of deep pink flowers are held aloft each spring decorating the formal roundish pyramid like a Christmas tree.

7 to 8 ft.	4.50
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parviflora. 9'-10'**Bottlebrush Buckeye**

Truly a handsome shrub. It gradually spreads into a large mound much broader than high over which the refined horsechestnut leaves are mantled, serving as an excellent foil for the erect spikes of creamy-white flowers. Slow.

1 to 1½ ft.	1.35	1.20	1.00
1½ to 2 ft.	1.80	1.65	1.50
2 to 3 ft.	2.25	2.00	.
3 to 4 ft.	3.00	2.70	.

AKEBIA quinata. 15'-20' Vine.**Five Leaf Akebia**

A light lacy effect is produced by this dainty vine, and the subtle fragrance of the purple-brown flowers is attractive.

2 year50	.40	.30
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AMELANCHIER canadensis. 25'**Downy Shadblow**

The flurry of pure white flowers is the forerunner of spring—most noticeable in our native woods where this dainty denizen is sparsely scattered. Birds relish the dark purple fruits. The young leaves are hairy on both sides.

1½ to 2 ft. ....	.70	.60	.50
2 to 3 ft. ....	.90	.75	.
3 to 4 ft.	1.25	1.00	.
4 to 5 ft.	1.50		.

laevis. 30'**Alleghany Shadblow**

The smooth bronzy red, young foliage, and reddish bracts emphasize the beauty of gracefully drooping bunches of glistening white flowers. A variable but handsome shrub.

4 to 5 ft.	2.00		.
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stolonifera. 4'-5'**Dwarf Shadblow**

This dwarf form develops by underground stems into a large mass. Has typical dainty pure white flowers, a beautiful picture in very early spring. Endures shade.

1½ to 2 ft. ....	.70	.60	.
2 to 3 ft. ....	.90	.80	.
3 to 4 ft.	1.20		.

AMORPHA canescens. 2'-3'**Lead Plant**

So called because of the grayish covering on the stems. Very small leaflets and dense habit create fine soft texture and when the terminal spikes of blue flowers cram the little bush it is a most interesting and handsome plant. Prefers a sunny well drained situation.

15 to 18 in.60	.55	.
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AMPELOPSIS aconitifolia. 15'-20' Vine.**Monkshood Vine**

Curiously shaped leaves somewhat similar to monkshood and orange berries are the features of this scarce vine.

2 year75		.
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heterophylla. 30'-40' Vine.**Porcelain Ampelopsis**

Quite similar to Monkshood vine but has blue berries.

3 year75	.60	.50
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quinquefolia. 40' Vine.**Woodbine**

A handsome woodbine used for autumnal effects. Vigorous.

2 year50	.45	.
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AMPELOPSIS —Continued	Each	Ten	Hundred
tricuspidata (veitchi). 40'-50' Vine.		Boston Ivy	

Probably the most popular self-clinging vine. Handsome.
2 year50 .45 .40

— **lowi.** 6'-8' Vine. Geranium Creeper

A miniature edition of the Boston Ivy, clings closely and colors beautifully in fall. The thick-looking leaves are curiously twisted. Splendid on low walls for a tracery.

2 year, 2½" pots .....	.45	.40	.35
3 year, 3" pots .....	.60	.50	

AMYGDALUS persica. 12'-15' Double Flowering Peach

Really a glorious flowering form of our plain garden peach.
White **Red** **Pink**

4 to 6 ft.	1.00	.90	
6 to 8 ft.	1.35	1.20	

ARCTOSTAPHYLOS uva-ursi. 4"-6" Bearberry

EVERGREEN. Forms a mat of green on the hot sandy banks of South Jersey, but seems to prefer some shade in cultivation. When the large red berries are in evidence it is particularly attractive. Must have acid soil.

3 year potgrown60	.50	.45
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ARONIA arbutifolia. 8'-10' Red Chokeberry

The handsome foliage assumes rich red tones in autumn and the brilliant red berries persist until the birds get really hungry. Prefers a moist place and should be pruned to overcome legginess. A grand shrub.

1½ to 2 ft. .....	.60	.50	.45
2 to 3 ft. .....	.75	.65	.60
3 to 4 ft. .....	.90	.80	.70
4 to 5 ft.	1.20	1.00	.90

melanocarpa. 3'-4' Black Chokeberry

This black fruited form is more bushy and the foliage assumes brighter tints in autumn. White flowers practically cover the branches in May. Unfortunately the berries shrivel in dry seasons but birds love them.

1½ to 2 ft. .....	.60	.50	.45
2 to 3 ft. .....	.75	.65	.55
3 to 4 ft. .....	.90	.80	

— **grandiflora.** 8'-9' Great Black Chokeberry

This vigorous relative has slightly larger flowers and fruits and while taller is not quite so bushy or neat.

2 to 3 ft. .....	.75	.65	.60
3 to 4 ft. .....	.90	.80	
4 to 5 ft.	1.20	1.00	

AZALEA amoena. 4'-6' Amoena Azalea

EVERGREEN. Grows broader than tall with good compact habit. The small box like leaves take on a warm bronzy hue in winter, but in spring a mantle of magenta flowers is the striking feature. Most hardy evergreen form.

12 to 15 in. spread, B. & B.....	1.35	1.20	
15 to 18 in. spread, B. & B.....	2.00	1.80	
1½ to 2 ft. spread, B. & B.....	2.75	2.50	
2 to 2½ ft. spread, B. & B.....	4.00	3.50	
2½ to 3 ft. spread, B. & B.....	6.00	5.50	
3 to 3½ ft. spread, B. & B.....	10.00	9.00	
3½ to 4 ft. spread, B. & B.....	14.00		
4 to 5 ft. spread, B. & B.....	20.00		

AZALEA—Continued

Each Ten Hundred

amoena coccinea. 4'-5'**Red Amoena Azalea**

EVERGREEN. Quite an improvement in color (almost vermillion) and just as dependable as the type.

15 to 18 in. spread, B. & B..... 3.00

arborescens. 15'-18'**Sweet Azalea**

The exquisitely fragrant white or blush flowers are among the latest of Azaleas to be seen in June. Succeeds in moist or well drained places. Eventually becomes gnarled.

1½ to 2 ft.	B. & B.....	2.75	2.50	2.25
2 to 2½ ft.	B. & B.....	3.75	3.30	3.00
2½ to 3 ft.	B. & B.....	5.00	4.50	
3 to 4 ft.	B. & B.....	6.75	6.00	

calendulacea. 10'-12'**Flame Azalea**

Possibly the most brilliant of our native shrubs, the flowers vary from orange to scarlet in late May. Drained acid soil.

15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.50	3.25	3.00
2½ to 3 ft.	B. & B.....	4.50	4.25	4.00
3 to 4 ft.	B. & B.....	6.00	5.50	

hinodegiri. 4'-5'**Hinodegiri Azalea**

EVERGREEN. This is THE red Azalea which in May is actually covered in a blanket of vivid carmine flowers. The foliage is lighter green and larger than that of "Amoena" and has a richer bronzy color in winter. A fine spot plant.

9 to 12 in. spread, B. & B.....	1.20	1.00	.90
12 to 15 in. spread, B. & B.....	2.00	1.80	1.65
15 to 18 in. spread, B. & B.....	3.00	2.70	

hinomayo. 4'-6'**Pink Japan Azalea**

EVERGREEN. Even though not quite evergreen in exposed places the lovely soft pink flowers justify its inclusion in a border. Really worthy of a little extra trouble.

12 to 15 in. B. & B..... 3.00

kaempferi. 4'-6'**Torch Azalea**

From salmon-pink to orange-red, the flowers transform this shrub into a thing of beauty. In a slightly shaded sheltered spot, it is almost evergreen, and the color of the flowers is preserved. Has successfully withstood our worst winters.

12 to 15 in.	B. & B.....	1.50	1.35	1.20
15 to 18 in.	B. & B.....	2.00	1.80	1.50
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.25	3.00	2.70
2½ to 3 ft.	B. & B.....	4.00	3.60	3.25
3 to 3½ ft.	B. & B.....	5.50	5.00	4.50
3½ to 4 ft.	B. & B.....	8.00	7.20	
4 to 5 ft.	B. & B.....	12.00		

— hybrids. 3'-4'**Cleopatra, Fedora, Othello**

HALF-EVERGREEN. Generally speaking, these hybrids have a lower, more bushy habit and the brilliant orange tints are missing. 'Tis a gloriously handsome family tho!

12 to 15 in.	B. & B.....	2.00	1.80	
15 to 18 in.	B. & B.....	2.50	2.25	
1½ to 2 ft.	B. & B.....	3.25	3.00	
2 to 2½ ft.	B. & B.....	4.00	3.60	

ledifolia (indica alba.)**Snow Azalea**

EVERGREEN. And particularly useful in combination with "hinodegiri," as the large dazzling white flowers appear at the same time. Give it a favored spot, it will pay well.

12 to 15 in. B. & B..... 2.75 2.50

AZALEA—Continued**macrantha. 3'-4'**

EVERGREEN. A low growing form with single red flowers and clean shiny leaves—continues to bloom until late May, needs shelter for sure results. A neat compact shrub.

15 to 18 in. B. & B..... 3.75

Each Ten Hundred

Red Salmon Azalea**mollis. 4'-5'**

The mass of delicately shaded large bell-shaped flowers running through orange and red tones make a display worth waiting for each May. Succeeds best in sunny place.

12 to 15 in.	B. & B.....	2.25	2.00
15 to 18 in.	B. & B.....	3.00	2.70
1½ to 2 ft.	B. & B.....	4.00	3.60

mucronulata. (dahuricum) 5'-6'**Dahurian Azalea**

A welcome sight in March is the exquisitely frilled rosypurple flowers—in pleasing contrast to the Forsythia.

15 to 18 in.	B. & B.....	1.75	1.65
1½ to 2 ft.	B. & B.....	2.25	2.00
2 to 2½ ft.	B. & B.....	3.00	2.70
2½ to 3 ft.	B. & B.....	4.00	3.60
3 to 3½ ft.	B. & B.....	5.50	5.00

judiflora. 6'-7'**Pinxterbloom**

The fragrance of this "wild honeysuckle" quickly betrays its home in light woods where the variable pink flowers are eagerly sought in May. Does well in the open sun too.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.50
2 to 2½ ft.	B. & B.....	3.75	3.30
2½ to 3 ft.	B. & B.....	5.00	4.50
3 to 4 ft.	B. & B.....	6.50	6.00
4 to 5 ft.	B. & B.....	8.00	7.00

pontica. 6'-8'**Pontic Azalea**

A fine old kind with rich yellow trumpet-shaped fragrant flowers borne in clusters at the tips of the bare branches.

12 to 15 in.	B. & B.....	2.25	2.00	1.80
15 to 18 in.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.25	4.80	
2½ to 3 ft.	B. & B.....	7.00		

poukhanensis. 4'-5'**Korean Azalea**

Almost a blue Azalea. Fine large blooms sweetly scented scattered over the spreading bush — effective with Forsythia. Stays well within bounds. A lovely thing!

12 to 15 in.	B. & B.....	2.25	2.00	1.80
15 to 18 in.	B. & B.....	3.00	2.70	2.50
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.25	4.80	
2½ to 3 ft.	B. & B.....	7.00		

— yodogawa. 4'-5'**Yodogawa Azalea**

In May this bush is actually a dense bouquet of double lavender-pink flowers with no foliage visible at all. Be sure to get the free-flowering type. Perfectly hardy.

12 to 15 in. spread, B. & B....	2.00	1.80	1.50
15 to 18 in. spread, B. & B....	2.75	2.50	2.25
1½ to 2 ft. spread, B. & B....	3.75	3.30	3.00
2 to 2½ ft. spread, B. & B....	5.00	4.50	

AZALEA—Continued***rosea. 6'-7'***

Possibly brighter pink and, with us, slightly more compact than "nudiflora," otherwise similar in leaf habit and flower. Best in a slightly shaded moist spot with acid soil.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.50
2 to 2½ ft.	B. & B.....	3.75	3.30
2½ to 3 ft.	B. & B.....	5.00	4.50
3 to 4 ft.	B. & B.....	6.75	6.00

schlippenbachi. 6'**Royal Azalea**

Appropriately named—for this shapely shrub is indeed a regal sight in spring, when the large pink flowers adorn the purple-brown twigs. Even for its autumn effect alone, it is decidedly worthwhile, with crimson and gold leaves.

12 to 15 in.	B. & B.....	2.50	2.25
15 to 18 in.	B. & B.....	3.25	3.00
1½ to 2 ft.	B. & B.....	4.50	4.00
2½ to 3 ft.	B. & B.....	8.00	

vaseyi. 10'-12'**Pinkshell Azalea**

A most exquisite thing when the pure pink flowers open in early May—apparently just lightly resting in the bare twigs, its beauty is breath-taking. Happiest on margin of woods, where the soil is rather moist and acid.

15 to 18 in.	B. & B.....	2.25	2.00	1.80
1½ to 2 ft.	B. & B.....	3.00	2.70	2.40
2 to 2½ ft.	B. & B.....	4.00	3.60	3.30
2½ to 3 ft.	B. & B.....	5.25	4.80	4.25
3 to 4 ft.	B. & B.....	6.50	6.00	5.25
4 to 5 ft.	B. & B.....	9.00		

viscosa. 9'-10'**Swamp Azalea**

Another beautiful native which offers its fragrant white, or occasionally tinged pink flowers in late June. Generally found in boggy woods, but does not object to upland home.

3 to 4 ft.	B. & B.....	6.00	5.40
4 to 5 ft.	B. & B.....	8.00	7.20
5 to 6 ft.	B. & B.....	10.00	9.00

yayegiri. 3'-4'**Salmon Azalea**

EVERGREEN. Semi-double (hose-in-hose) flower varying from deep salmon to a bright orange red—a cheerful color. Well deserves the slight protection needed against zero.

12 to 15 in.	B. & B.....	2.50
15 to 18 in.	B. & B.....	3.75



— B —

Each Ten Hundred

Spice Bush

BENZOIN aestivale. 12'-15'

The yellow mist seen along the streams in April is the Benzoin's welcome to spring and later on you will find loads of glistening scarlet berries, which like the rich foliage are spicily fragrant when crushed. Very informal.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.60	.50	.40
3 to 4 ft.	.....	.75	.65	.55
4 to 5 ft.	.....	1.00	.90	

BERBERIS aggregata pratti. 8'-10'**Pratt Barberry**

Numerous bunches of salmon-red fruits make this worthy.

1 to 1½ ft.	.....	.60	.55	
1½ to 2 ft.	.....	.75		
2 to 3 ft.	.....	1.00		

chenaulti. 3'-4'**Chenault Barberry**

EVERGREEN. In general appearance similar to, but larger than the Warty Barberry. Glossy green foliage is whitish underneath and its compact neat habit is sufficient recommendation. A really fine addition to this family.

12 to 15 in.	B. & B.....	2.00		
15 to 18 in.	B. & B.....	2.50		

gagnepaini. 4'-5'**Black Barberry**

EVERGREEN. The spiny edged evergreen leaves are very narrow with pale-green underside. The winter foliage is a warm coppery purple that densely clothes the whole bush. Certainly in the top rank. Clusters of bright yellow flowers, preceding the black fruits, are quite attractive. One of the parents of Chenault Barberry.

12 to 15 in.	B. & B.....	1.50	1.35	
15 to 18 in.	B. & B.....	2.25	2.00	
1½ to 2 ft.	B. & B.....	2.75		
2½ to 3 ft.	B. & B.....	5.00		

julianae. 6'-7'**Wintergreen Barberry**

EVERGREEN. A vigorous fellow, rich in color. Deep green lustrous leaves turning vivid scarlet before they fall. Hearty yellow flowers purplish fruits, and in spring the wine stained young shoots top the bush. Good for hedge.

1 to 1½ ft.	B. & B.....	.90	.80	.75
1½ to 2 ft.	B. & B.....	1.35	1.20	1.00
2 to 2½ ft.	B. & B.....	2.25	2.00	
2½ to 3 ft.	B. & B.....	2.75	2.40	
5 ft. specimens	B. & B.....	10.00		

macracantha. 10'-12'**Bigspine Barberry**

Particularly attractive in spring when the purplish leaves are unfolding and again when the brilliant yellow flowers are strung along the branches. The large shiny red berries retain color.

15 to 18 in.65		
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neuberti latifolia (ilicifolia). 5'-6'**Broad Leaf Barberry**

HALF-EVERGREEN. Dull green holly-like leaves last until January then turn brown. A fine plant for that arid spot.

2 to 2½ ft.	.....	1.35	1.20	
2½ to 3 ft.	.....	2.00	1.80	

A bird garden or sanctuary can be planned for beauty as well as usefulness—just glance over the list of berried shrubs on page 126.

BERBERIS—Continued

thunbergi. 5'-7' **Each Ten Hundred
Japanese Barberry**

Keep the old wood cut out and you will have a wonderful display of berries every year. Good for hedge or border.

Bushy plants: **Ten H'dr'd Th's'nd**

12 to 15 in. ....	.18	.15	.12
15 to 18 in. ....	.22	.18	.15
1½ to 2 ft. ....	.30	.25	.20
2 to 2½ ft. ....	.40	.35	.30

atropurpurea. 5'-6' **Redleaf Japanese Barberry**

Needs sun to bring out the purple coloring of the foliage.

12 to 15 in. ....	.30	.27	.22
15 to 18 in. ....	.45	.36	.30
1½ to 2 ft. ....	.60	.50	.40
2 to 2½ ft. ....	.75	.65	

minor. 2'-3' **Box Barberry**

When used as a close-clipped formal hedge the compact habit is seen to advantage. Similar except size to type.

9 to 12 in. ....	.35	.30	.25
12 to 15 in. ....	.45	.40	.35

triacanthophora. 4'-5' **Threespine Barberry**

EVERGREEN. Really a handsome evergreen shrub. The narrow two inch leaves are surprisingly white underneath and the graceful branching arrangement displays the unusual whitish flowers and black fruits nicely. This has done well with us in hot sun as well as in half-shade.

12 to 15 in. B. & B.....	1.20	1.10
15 to 18 in. B. & B.....	1.80	1.65
1½ to 2 ft. B. & B.....	2.25	2.00

vernae. 5'-6' **Vernae Barberry**

From the standpoint of fruits the most beautiful of all the family. The vigorous stems arch over and in June are closely studded with little bunches of rich yellow flowers which give way to the coral-red bloom covered berries bearing down the branches resembling miniature grapes.

1 to 1½ ft. ....	.90	.80
1½ to 2 ft.	1.35	1.20
2 to 3 ft.	1.80	1.65
3 to 4 ft.	2.50	

verruculosa. 3' **Warty Barberry**

EVERGREEN. The aristocrat of Barberries, this evergreen develops into a compact mound densely covered with rich lustrous green foliage that reminds one of miniature English Holly leaves with a whitish underside. In spring the branches are strung with little golden cups nodding on half inch threads. These fragrant flowers are followed by bloomy black fruits. A splendid low hedge plant.

12 to 15 in. B. & B.....	1.80	1.65	1.50
15 to 18 in. B. & B.....	2.25	2.00	1.80
1½ to 2 ft. B. & B.....	2.75	2.50	
2 to 2½ ft. B. & B.....	3.30		

vulgaris. 8'-9' **European Barberry**

This handsome foreigner has become naturalized here and is most adaptable. The long drooping clusters of yellow flowers are followed by brilliant red oblong-shaped berries arranged most effectively along the arching branches. Although handsome at all times the inch long leaves are glorious in their purple and red autumn dress.

1½ to 2 ft. ....	.50	.40	.35
2 to 3 ft. ....	.60	.50	
3 to 4 ft. ....	.75		

BERBERIS vulgaris—Continued

Each Ten Hundred

— purpurea. 8'-9'**Purple Barberry**

Quite similar to the type in all respects but the full blooded purple-red foliage. The three parted spines are just as formidable; berries seem slightly deeper in color.

1½ to 2 ft.	.....	.60	.50
2 to 3 ft.	.....	.70	.60
3 to 4 ft.	.....	.90	.80

wilsoni subcaulialata. 5'-6'**Wilson Barberry**

HALF-EVERGREEN. The dense clusters of golden yellow flowers justify use of this species as a flowering shrub, and when the lovely salmon pink fruits bezewel the angled branches it is an exquisite thing. Narrow inch long leaves are almost white underneath and in a sheltered spot will stay on all winter.

2 to 3 ft.	B. & B.....	2.25	
3 to 4 ft.	B. & B.....	3.00	

BETULA alba. 40'-50'**European White Birch**

Creamy white bark most effective against a background of evergreen. Has charming graceful habit, most adaptable.

6 to 8 ft.	.....	2.25	2.00
8 to 10 ft.	.....	3.00	2.70

— fastigiata. 20'-25'**Columnar White Birch**

Grows amazingly like a Lombardy Poplar and in time forms a dense rugged column of dark green leaves. White bark.

4 to 6 ft.	B. & B.....	3.50	
6 to 8 ft.	B. & B.....	5.00	
8 to 10 ft.	B. & B.....	7.00	
12 to 14 ft.	B. & B.....	15.00	

— laciniata. 30'-40'**Weeping Cutleaf Birch**

Deeply cut leaves and fountain-like arrangement of the drooping branches make this a justly popular lawn subject.

6 to 8 ft.	.....	3.00	2.70
8 to 10 ft.	.....	4.00	3.60

— youngi. 8'-15'**Young's Weeping Birch**

The slender branches assume surprising positions, curving-inverted, yet graceful and most interesting eventually forming a broad picturesque mass, for large rock garden.

4 to 5 ft.	B. & B.....	5.00	
5 to 6 ft.	B. & B.....	6.75	

populifolia. 35'-40'**Gray Birch**

This "Queen of the Woods" is generally seen in clumps, two or three white trunks rising gracefully from the ground and swaying in the breeze. Small foliage quivers at the slightest breeze. Particularly effective with dark evergreens.

6 to 8 ft. clumps, B. & B....	4.00	3.60	
8 to 10 ft. clumps, B. & B....	6.00	5.40	
10 to 12 ft. clumps, B. & B....	7.50	6.75	

BIGNONIA**grandiflora Mad. Gallen. 25'-30' Vine. Gallen Trumpet Vine**

A deeper colored form with bunches of gorgeous flowers.

2 year .....	.90	.80	
3 year	1.25	1.10	
4 to 6 ft. specimens, B. & B.	4.50		

Try Mertensia and Trillium with your Daffodils.

BIGNONIA—Continued Each Ten Hundred

radicans. 60'-80' Vine.

Trumpet Vine

The striking scarlet trumpets can be seen in most early settlements, sometimes as bush specimens or vast tall vines.

2 year35	.30	.25
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BUDDLEIA alternifolia. 8'-10'

Alternate Leaf Buddleia

Lilac purple flowers literally cover the wide spreading arching branches. Distinct habit, leaves grayish beneath.

2 year50	.45
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davidi veitchi. 10'-12'

Butterfly Bush

Gray-green foliage, rich lavender spikes of flowers and yellow butterflies fluttering above the bush is a typical summer picture from June to September. Apt to die down somewhat in winter, but gets larger and better.

2 year40	.35	.30
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— Ille de France. 4'-5'

Hybrid Butterfly Bush

The vivid rosy-purple six inch flower spikes are arresting and being sweetly fragrant insure popularity of this compact shrub. An annual pruning will produce more flowers.

2 year50	.40	.35
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BUXUS sempervirens angustifolia. 2'-3'

Willowleaf Box

EVERGREEN. Quite distinct and hardy. Forms a low flattish bush composed of many slender branches rather than main stem. Has survived very low temperatures here.

4 to 6 in. ....	.35	.30
6 to 8 in. ....	.50	.45
15 to 18 in. B. & B.....	3.00	

— arborescens. 15'-20'

Tree Box

EVERGREEN. Apparently the hardest of Boxwoods—and the tallest growing form, although it does take a lifetime to develop its real character. Assumes rugged unusual shapes well clothed with inch long black-green leaves which exude the typical delicious elusive fragrance.

5 to 6 ft. B. & B.....	21.00
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— suffruticosa. 5'-6'

Dwarf Bush Boxwood

EVERGREEN. Like wine this beloved plant improves with age, gradually becoming part of the family, and is passed down as an heirloom. In youth it makes good headway, but slows down year by year until it reaches three or four feet, after which it increases imperceptibly. Everyone knows the delicious boxwood smell most apparent in this dwarf kind. The small round deep green leaves withstand city conditions. A dwarf boxwood hedge which can start at three inches is practically a permanent institution.

Specimens 2½ to 4 ft. B. & B.... 100.00 to 300.00 each



— C —

CALICARPA purpurea. 4'-5' Each Ten Hundred
Chinese Beautyberry

Little bunches of shiny deep mauve berries are studded along the willowy branches, an attractive thing for cutting.

1½ to 2 ft.	.35	.30	.27
2 to 3 ft.	.45	.40	.35
3 to 4 ft.	.55	.50	.45

CALLUNA vulgaris. Rose.

Heather

— <i>alba</i> . White.	White Heather
— <i>alba minor</i> . White.	Dwarf Heather
— <i>alba pilosa</i> . White	Silky Heather
— <i>alporti</i> . Deep rose.	Alport Heather
— <i>compacta</i> . Lavender.	Compact Heather
— <i>humilis</i> . White.	Low Heather
— <i>rosea</i> . Pink.	Pink Heather
— <i>rubra</i> . Dark rose.	Red Heather

Quoting a Scottish friend, "A Scottish glen with a background of mountains, the mists clinging to their tops and the purple bloom of the heather sweeping up into the gray tones," what a picture! And these hardy evergreen ground covers on a well-drained sunny slope can be as effective here. An occasional pruning will keep them neat.

6 to 9 in.	B. & B.....	.70	.65	.55
9 to 12 in.	B. & B.....	1.00	.90	.75

CALYCANTHUS floridus. 8'-9'

Common Sweet Shrub

Red-brown flowers, foliage and even the peculiar seeds, all give off a spicy fragrance. A neat old-fashioned shrub.

1½ to 2 ft.	.40	.35	.30
2 to 3 ft.	.50	.45	.40
3 to 4 ft.	.65	.60	.50
4 to 5 ft.	.90		

CARPINUS betulus. 50'-60'

European Hornbeam

Even a single tree with its blue-gray smooth bark, muscular wood and clean foliage is worth while, but as a hedge plant with brown leaves persisting it excels.

2 to 3 ft.	1.50	1.35	1.20
3 to 4 ft.	2.25	2.00	1.80
4 to 5 ft.	3.50	3.00	
5 to 6 ft.	5.00	4.50	
6 to 8 ft.	6.00	5.40	

— *pyramidalis*. 30'-40'

Pyramid Hornbeam

So called because the many branches crowd together from the base upward. Scarce and decidedly worthwhile.

12 to 14 ft.	B. & B.....	24.00
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CARYOPTERIS incana. 1½'-2'

Blue Spirea

A bushy half herbaceous shrub which covers itself with lacy lavender flowers in September and October. Very effective against the gray-green leaves. Sheltered spot is best.

2 year40	.32	.24
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CEDRUS atlantica glauca. 60'-70'

Blue Atlas Cedar

EVERGREEN. Silvery-blue needles cover the branches. Grows slowly and should have a favored spot—it's worth it.

2 to 3 ft.	B. & B.....	4.50
3 to 4 ft.	B. & B.....	6.00
8 to 10 ft.	B. & B.....	24.00
10 to 12 ft.	B. & B.....	30.00

CEDRUS—Continued**libani. 60'-80'**

Dignity is inherent in this historical old tree. The youthful pyramidal form gradually gives way to a more stately picturesque flat-topped tree with few far reaching horizontal branches. The light green rather short needles are arranged in tufts along the branches. Give it room.

12 to 14 ft.	B. & B.....	36.00
14 to 16 ft.	B. & B.....	50.00

Each Ten Hundred

Cedar of Lebanon**CELASTRUS orbiculatus. 30'-35'****Oriental Bittersweet**

Can be identified by the brilliant red and yellow fruits being borne in short stemmed clusters in axils of leaves.

2 year35	.30	.25
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scandens. 20'-25'**American Bittersweet**

Not quite so vigorous or prolific but the long terminal bunches of typical fruits are just as effective as the Oriental.

2 year .....	.35	.30	.25
3 year .....	.50	.45	.40

CEPHALANTHUS occidentalis. 12'-15'**Button Bush**

You will find this native growing actually in water where the rich green leaves show off the fuzzy round heads of white flowers to perfection in July and August. Very bushy.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.60	.50	.45

CERCIDiphyllum japonicum. 70'-80'**Katsura Tree**

From a slender youth this tree develops into a magnificent spreading tree at maturity. Purple tinged heart shaped foliage is beautiful in spring and again in golden autumn.

6 to 8 ft.	B. & B.....	5.25
8 to 10 ft.	B. & B.....	8.00
10 to 12 ft.	B. & B.....	12.00
12 to 15 ft.	B. & B.....	15.00

CERCIS canadensis. 20'-25'**American Redbud**

Small rosy pink pea shaped flowers almost cover the bare branches in April. Beautiful with cedars and dogwood.

2 to 3 ft. ....	.70	.60
3 to 4 ft. ....	.90	.80
4 to 5 ft.	1.20	1.00

chinensis. 8'-10'**Chinese Redbud**

A more shrubby relative with larger flowers of a slightly darker rosy purple shade. Good foliage too. Early April.

1½ to 2 ft. ....	.65	.60	.55
2 to 3 ft. ....	.90	.80	.70
3 to 4 ft.	1.35	1.20	1.00

CHAMAECYPARIS (RETINOSPORA)**ALL EVERGREEN****obtusa. 30'-35'****Hinoki Cypress**

Lustrous deep green foliage on rather open fronds. A graceful bushy pyramid here but a timber tree in Japan.

7 to 8 ft.	B. & B.....	10.00
8 to 10 ft.	B. & B.....	13.50

— crippsi. 8'-10'**Cripps Golden Cypress**

Probably the brightest yellow form; grows slowly. Hardy.

6 to 7 ft.	B. & B.....	10.00
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CHAMAECYPARIS obtusa—Continued Each Ten Hundred**— filicoides. 8'-10'****Fernspray Cypress**

The leaf covered branchlets are so arranged as to resemble fern fronds; an unusual kind, worthy of a spot in rock garden, where the intricate details can be seen.

5 to 6 ft. B. & B..... 15.00

— lycopodioides. 6'-8'**Clubmoss Cypress**

Scaly leaves are so crowded and branchlets so arranged over the whole plant as to create a curious japaenesque effect. Apparently no one shape is typical but all are most interesting, and useful.

2½ to 3 ft. B. & B..... 6.00 5.50

3 to 4 ft. B. & B..... 7.50

6 ft. specimens B. & B..... 21.00

— gracilis. 12'-15'**Slender Hinoki Cypress**

Particularly fine rich blackish green foliage; slowly grows into a rugged pyramid. Makes a handsome hedge. Hardy

2 to 2½ ft. B. & B..... 4.00 3.60 3.30

2½ to 3 ft. B. & B..... 5.25 4.80

3 to 4 ft. B. & B..... 6.75 6.00

4 to 5 ft. B. & B..... 9.00

5 to 6 ft. B. & B..... 13.50

— — aurea. 10'-12'**Yellowtip Hinoki Cypress**

This golden leaved form grows more slowly and irregular.

4 to 5 ft. B. & B..... 10.00

5 to 6 ft. B. & B..... 12.00

— — compacta. 6'-8'**Compact Hinoki Cypress**

A curious "Japanese" form slender in outline; closely packed foliage and twisted branchlets make this quite a distinct "find." Could be easily stunted to simulate age.

5 to 6 ft. B. & B..... 13.50

6 to 8 ft. specimens B. & B. 21.00

— nana. 2'-3'**Dwarf Hinoki Cypress**

Because it is slow growing the Japanese use this variety most effectively in pots. It soon assumes the character of age, preserving the rich green coloring. Dwarfest and most compact of all Cypress, therefore useful in rock gardens, evergreen groups or where small scale is desired.

6 to 9 in. B. & B..... 2.00 1.80 1.50

9 to 12 in. B. & B..... 3.00 2.70 2.40

12 to 15 in. B. & B..... 3.75 3.30 3.00

15 to 18 in. B. & B..... 4.50 4.00 3.60

18 to 21 in. B. & B..... 6.00 5.40

— youngi. 20'-25'**Young Golden Cypress**

Has a loose graceful habit and yellow tipped branchlets. From a little distance resembles a hemlock. Handsome.

6 to 8 ft. B. & B..... 12.00

8 to 10 ft. B. & B..... 20.00

10 to 12 ft. B. & B..... 30.00

Conifers should be allowed to grow naturally in well drained soil—do not feed them too heavily—an occasional dressing of organic fertiliser seems best. Trimming is most practical and effective just as growth commences in May.

CHAMAECYPARIS—Continued

Each Ten Hundred

pisifera. 40'-50'**Sawara Cypress**

Quickly develops into loose pyramid; hardiest of the family. Should be allowed space to develop as a tree.

4	to	5	ft.	B. & B.....	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40
6	to	8	ft.	B. & B.....	9.00	8.00
8	to	10	ft.	B. & B.....	13.50	12.00
10	to	12	ft.	B. & B.....	20.00	
12	to	14	ft.	B. & B.....	27.00	

— aurea. 35'-40'**Golden Sawara Cypress**

Foliage is shining yellow. A better specimen than the green type. Particularly effective in winter.

4	to	5	ft.	B. & B.....	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40
6	to	8	ft.	B. & B.....	9.00	8.00
8	to	10	ft.	B. & B.....	13.50	12.00
10	to	12	ft.	B. & B.....	20.00	18.00
12	to	14	ft.	B. & B.....	27.00	24.00

— filifera. 20'-25'**Thread Cypress**

Has long stringy drooping branches, but forms well shaped compact broad pyramid of a good green shade. Even without care remains in good condition indefinitely.

5	to	6	ft.	B. & B.....	6.00	5.40
6	to	7	ft.	B. & B.....	9.00	8.00
7	to	8	ft.	B. & B.....	12.00	

— — aurea. 10'-15'**Golden Thread Cypress**

This form grows more loosely, but the golden threads are brighter than any other evergreen. Stays low until old.

4	to	5	ft.	B. & B.....	8.00
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— — aureo-variegata. 10'-12' Variegated Thread Cypress

The half green, half yellow coloring is not so remarkable, but its billowy outline gives it rugged age-old individuality.

2	to	2½	ft. spread,	B. & B.....	3.50
2½	to	3	ft. spread,	B. & B.....	5.00
3	to	4	ft. spread,	B. & B.....	7.50
4	to	5	ft. spread,	B. & B.....	10.00
5	to	6	ft. spread,	B. & B.....	13.50

plumosa. 35'-40'**Plume Cypress**

A feathery pyramid that can be sheared into formal shapes. Makes a good hedge where a fine texture is called for.

15	to	18	in.	B. & B.....	.90	.80	.70
1½	to	2	ft.	B. & B.....	1.35	1.20	1.00
2	to	3	ft.	B. & B.....	1.80	1.65	1.50
3	to	4	ft.	B. & B.....	3.00	2.70	
4	to	5	ft.	B. & B.....	4.00	3.60	
5	to	6	ft.	B. & B.....	6.00	5.40	
6	to	7	ft.	B. & B.....	9.00	8.00	7.20
7	to	8	ft.	B. & B.....	12.00	10.00	9.00
10	to	12	ft.	B. & B.....	20.00		

— aurea. 25'-30'**Golden Plume Cypress**

Quite a favorite for high lights in a mixed planting. The yellow foliage is particularly bright in spring.

15	to	18	in.	B. & B.....	.90	.80	.70
1½	to	2	ft.	B. & B.....	1.35	1.20	
4	to	5	ft.	B. & B.....	5.00		

CHAMAECYPARIS plumosa—Continued Each Ten Hundred
— lutescens. 3'-4' **Dwarf Yellow Plume Cypress**

A low broad round topped bush, sulphur tipped branches.

10 to 12 in. spread, B. & B.....	.90	.80
12 to 15 in. spread, B. & B.....	1.35	1.20
2 to 2½ ft. spread, B. & B.....	3.75	
2½ to 3 ft. spread, B. & B.....	5.25	

— nana. 2' **Dwarf Plume Cypress**

This neat compact little cushion of green looks at home in a rock garden or even when planted formally. Remains dwarf, and develops into interesting shapes.

1½ to 2 ft. spread, B. & B.....	3.75	3.30	3.00
2 to 2½ ft. spread, B. & B.....	5.00	4.50	4.00
2½ to 3 ft. spread, B. & B.....	7.50	6.75	

squarrosa nana. 2' **Dwarf Moss Cypress**

Looks exactly like what it is, a stunted Moss cypress.
 2½ to 3 ft. spread, B. & B..... 6.00

— veitchi. 25'-30' **Veitch Moss Cypress**

Which is a remarkable plant. The blue-gray foliage and intricate branchlets combine to make a dense, broad woolly pyramid. Quite a billowy tree in age.

15 to 18 in. B. & B.....	.90	.80	.70
1½ to 2 ft. B. & B.....	1.35	1.20	
2 to 3 ft. B. & B.....	1.95	1.65	
3 to 4 ft. B. & B.....	3.00		
4 to 5 ft. B. & B.....	4.00		

CHIMAPHILA maculata. 6"-8" **Pipsissewa**

EVERGREEN. Essentially a shady woods plant where it revels in leaf mold, but soon establishes a home in a shady pocket in the rock garden. The handsome long narrow leaves are beautiful, marbled white with purple tinges throughout, and the loveliest white saucers are held up on long stems. Should be planted in little colonies.

4" Pots50	.45
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CHIONANTHUS virginica. 20'-25' **White Fringe**

Loose tassels of fragrant white flowers are effective against the bold dark green foliage; really handsome for "dominant" spots. Dark purple plum-like fruits are quickly eaten by birds. One of our "forgotten" good natives.

3 to 4 ft. .....	.75	.65	.60
4 to 5 ft. .....	.90	.80	.70
5 to 6 ft.	1.20	1.10	1.00
6 to 7 ft.	1.50	1.35	

CLADRASTIS lutea. 40'-50' **Yellow-wood**

Has loose bunches of fragrant white pea-shaped flowers in June. The clear yellow autumn coloring is striking, too. A most interesting and beautiful lawn tree.

4 to 6 ft.	3.00	2.70
6 to 8 ft.	4.50	4.00
8 to 10 ft.	6.00	5.25
10 to 12 ft.	8.00	

CLEMATIS montana rubens. 15'-20' **Pink Anemone Clematis**

Slender and graceful yet when happy quite a rampant vine. The four petaled flowers are rosy-pink about one inch across and have a centre of yellow stamens in May.

2 year 3" Pots90	.80
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CLEMATIS—Continued

Each Ten Hundred

paniculata.* 25'-30' Vine.*Sweet Autumn Clematis**

The sweet September fragrance of this old favorite indicates its presence long before the flower-laden vine is seen; and the feathery seeds are also decorative.

2 year .....	.30	.25	.20
3 year .....	.45	.40	.30

CLETHRA alnifolia. 7'-8'**Summer Sweet**

Useful for damp woodlands where the erect white flower spikes spice the air with a "peppery" odor all summer. Will also grow contentedly even in poor soil or sun.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.70	.65	.55
3 to 4 ft. ....	.90	.80	.70
4 to 5 ft.	1.20	1.00	

COLUTEA arborescens. 10'-12'**Bladder Senna**

So called because the reddish seed pods are inflated, which follow the small bright yellow pea blossoms. Interesting.

3 to 4 ft.60	.50
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CORNUS alba (sibirica.) 8'-10'**Coral Dogwood**

Grows vigorously in moist places, where the vivid red bark is strikingly evident throughout winter, particularly if used with the yellow twig form. Birds quickly eat the berries.

4 to 5 ft. ....	.60	.50
5 to 6 ft. ....	.80	.70

alternifolia.* 15'-20'*Pagoda Dogwood**

Too seldom used, this handsome shrub is full of character, with flat spreading tiers of branches creating deep shadows.

2 to 3 ft. ....	.60	.50
3 to 4 ft. ....	.75	.65

amomum.* 8'-10'*Silky Dogwood**

In autumn the bluish fruits are most ornamental, and even in winter the purplish branches give color. Good for massing, particularly in swampy areas. Has large silky foliage.

2 to 3 ft. ....	.50	.45	.35
3 to 4 ft. ....	.60	.55	.45
4 to 5 ft. ....	.75	.65	.55
5 to 6 ft. ....	.90	.75	.60

canadensis.* 6"*Bunchberry**

Although low in stature, a most desirable member of this bold family. Typical white dogwood "flowers" give way to little crowded bunches of brilliant red berries. It must have shade and very acid soil—loves a pine needle mulch.

3" Pots40	.32
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controversa.* 25'-30'*Giant Dogwood**

Rarely seen and of outstanding merit. Notice the blue-black berries are quite large and it develops real character with age. The young branches have maroon bark.

3 to 4 ft. ....	.75	.65	.60
4 to 5 ft.	1.00	.90	.80
5 to 6 ft.	1.35	1.20	

How it came to be called "Dog," do you know?

Ran across an old English gardener yesterday who said it was because they used to take the bark and make a concoction with which to wash mangy dogs.

There's also a legend that in the days of Cromwell the best gunpowder was made from the charcoal of that wood. Because it barked so when it went off, the soldiers called it dog-powder. Which name, in turn, just naturally got back to the wood itself.

In boyhood days, whenever I visited Grandfather, he would open up his old-fashioned tall clock and show me the wooden works made of Dogwood.

CORNUS—Continued

Each Ten Hundred

florida. 25'-30'**White Flowering Dogwood**

Surely everyone knows this splendid tree. Nothing is so spectacularly beautiful in spring as the banks of white flowers that border the woods. Then the profusion of glittering red berries and finally the brilliant autumn display of rich coloring, pink, crimson, scarlet, maroon. And in winter the twiggy intricate branch system forms a lacy network full of interest and beauty. Very adaptable and transplants readily. A real American.

3 to 4 ft.	B. & B.....	1.50	1.35	1.20
4 to 5 ft.	B. & B.....	2.50	2.25	2.00
5 to 6 ft.	B. & B.....	3.50	3.25	3.00
6 to 8 ft.	B. & B.....	5.00	4.50	
8 to 10 ft. specimens,	B. & B.	7.50 to 12.50	each	
10 to 12 ft. specimens,	B. & B.	15.00 to 25.00	each	

— rubra. 25'-30'**Red Flowering Dogwood**

Substitute pink flowers and you can imagine what a gorgeous effect can be made by using this form either alone or with the white type. Splendid free flowering specimens.

2 to 3 ft.	B. & B.....	1.80	1.50	
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.75	6.00	
6 to 7 ft.	B. & B.....	10.00		
8 to 10 ft. specimens,	B. & B.	20.00 to 30.00	each	

— welchi. 15'-20'**Welch Dogwood**

The foliage is curiously but prettily marbled with pink and white stripes of varying width—otherwise is similar to type.

2 to 3 ft.	B. & B.....	2.00		
3 to 4 ft.	B. & B.....	3.00		

kousa. 15'-20'**Kousa Dogwood**

In this Japanese counterpart of our dogwood the white flowers are borne after the leaves have expanded and thus lengthens the "Dogwood season." Large crimson strawberry-like fruits are attractive to humans and birds alike.

3 to 4 ft.	B. & B.....	1.80	1.65	
4 to 5 ft.	B. & B.....	2.75	2.40	
5 to 6 ft.	B. & B.....	4.00	3.60	
6 to 8 ft.	B. & B.....	6.00	5.40	
8 to 10 ft.	B. & B.....	9.00	8.00	

— chinensis. 15'-20'**Chinese Dogwood**

Has still larger flowers; and don't the birds relish the fruits!

2 to 3 ft.	B. & B.....	1.20	1.00	.90
3 to 4 ft.	B. & B.....	1.80	1.65	1.50
4 to 5 ft.	B. & B.....	2.75	2.50	2.25
5 to 6 ft.	B. & B.....	4.00	3.60	3.30
6 to 8 ft.	B. & B.....	6.00	5.40	5.00
8 to 10 ft.	B. & B.....	9.00	8.00	7.20

mas. 15'-20'**Cornelian Cherry**

Generally the first shrub to show color in spring when the twiggy branches are covered in a yellow mist that gradually becomes brighter. Later the cherry-like fruits are attractive and palatable. Should be used extensively.

2 to 3 ft.	B. & B.....	1.20	1.00	.90
3 to 4 ft.	B. & B.....	1.80	1.65	1.50
4 to 5 ft.	B. & B.....	3.00	2.70	2.40
5 to 6 ft.	B. & B.....	4.00	3.60	3.30
6 to 8 ft.	B. & B.....	6.00	5.40	5.00
8 to 10 ft.	B. & B.....	9.00		

CORNUS—Continued
paniculata. 10'-12'Each Ten Hundred
Gray Dogwood

Here is the massing shrub "par excellence." Bordering swampy sections great mounds can be seen with the myriad clusters of white berries on red stems adding color to the countryside. An ideal "filler" for the shrub border.

1½ to 2 ft.	.....	.50	.40
2 to 3 ft.	.....	.70	.60
3 to 4 ft.	.....	.90	.80

stolonifera. 8'-10'**Red Osier Dogwood**

Valued chiefly for its bright red twigs, a welcome note in the dull winter landscape. Severe annual pruning will bring out the color. Will form a thicket eventually.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.60	.55	.50
4 to 5 ft.	.....	.75	.65	.60
5 to 6 ft.	.....	.90	.80	.70

— flaviramea. 6'-8'**Goldentwig Dogwood**

Surprisingly bright yellow bark brightens any corner where this is planted. Smaller than, but good with red osier.

1½ to 2 ft.	.....	.50	.45	.40
2 to 3 ft.	.....	.60	.55	.50
3 to 4 ft.	.....	.75	.65	.60
4 to 5 ft.	.....	.90	.80	.70

CORYLOPSIS sinensis. 9'-10'**Chinese Winterhazel**

In March or early April when the fragrant little pendants of inverted yellow cups are studded throughout the bush —what a lovely thing!! Handsome round foliage, fat winter buds, and a neat branching habit serve to make this desirable and interesting throughout the year. Scarce.

2 to 3 ft.	B. & B.....	2.50
3 to 4 ft.	B. & B.....	3.50
4 to 5 ft.	B. & B.....	5.00

COTONEASTER adpressa. 9"-12"**Creeping Cotoneaster**

Decidedly a rock plant, where the creeping branches weave in and around intricately, forming an interesting mound. The glossy dark green wavy leaves show off the large bright red berries to perfection. Must have a sunny spot.

3" Pots, 6 to 9 in. spread.....	1.00	.90	.80
4" Pots, 9 to 12 in. spread.....	1.35	1.20	1.00

apiculata. 4'-5'**Tipped Cotoneaster**

Graceful spreading branches, shiny foliage, flowers tinged pink, and large bright red fruits—a handsome fellow.

4" Pots, 12 to 15 in. spread.....	1.50	1.35
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dammeri. 12"-15"**Dammer Cotoneaster**

EVERGREEN. Long branches trail along the ground rooting where they touch, are scantily clothed with inch long roundish dark green leaves. Bright red fruits, evergreen foliage and low habit make this a rock garden favorite.

4" Pots, 12 to 15 in. spread.....	1.50	1.35
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dielsiana. (applanata) 5'-6'**Diel's Cotoneaster**

Has slender arching branches, pinkish flowers and small foliage. Bright red fruits add to its beautiy. Handsome.

2 to 3 ft.	B. & B.....	1.65	1.50
3 to 4 ft.	B. & B.....	2.25	2.00

COTONEASTER—Continued

Each Ten Hundred

divaricata. 4'-6'**Spreading Cotoneaster**

When studded with scarlet fruits, this shrub justifies a choice position. Vigorous and spreading with good clean foliage. A little-known gem, useful as a hedge or specimen.

1½ to 2 ft.	B. & B.....	1.00	.90	.80
2 to 3 ft.	B. & B.....	1.50	1.35	1.20
3 to 4 ft.	B. & B.....	2.00	1.80	1.50
4 to 5 ft.	B. & B.....	2.75	2.40	

foveolata. 8'-10'**Pitted Cotoneaster**

A big fellow with splendid autumn dress, which shows off the glittering black berries. Has interesting irregular growth.

3 to 4 ft.	B. & B.....	2.25
4 to 5 ft.	B. & B.....	3.00

franchetti. 6'-7'**Franchet Cotoneaster**

EVERGREEN. At least in sheltered spots. An important member even in this glorious family. Long rich green, deeply veined leaves, clusters of pale pink flowers climaxed by bright orange-red berries make a procession to keep your interest throughout the whole year. Oh yes! the autumn coloring is beautiful too.

1½ to 2 ft.	B. & B.....	1.35	1.20
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horizontalis. 2'-3'**Rock Cotoneaster**

HALF EVERGREEN. The flat spray-like branches make an ideal cover for rocks or bank, especially when the deep green box-like leaves are bejewelled with the scarlet berries. Full open sunny place is best. Plant small sizes.

4" Pots, 9 to 12 in. spread.....	.80	.70	.60
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— *perpusilla.* 1'-2'**Dwarf Rock Cotoneaster**

HALF EVERGREEN. Smaller and neater than its parent, but even more effective in rock work. The bright red berries are larger, leaves are smaller, but more numerous.

5" Pots, 12 to 15 in. spread.....	1.20	1.00	.85
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hupehensis. 5'-6'**Hupeh Cotoneaster**

Really a handsome flowering shrub, the willowy branches forming garlands of white in June and then are weighted down with numerous red fruits. Leaves yellow in August.

1½ to 2 ft.	B. & B.....	1.20
2 to 3 ft.	B. & B.....	1.65
3 to 4 ft.	B. & B.....	2.25
4 to 5 ft.	B. & B.....	3.00

microphylla. 2'-2½'**Rockspray**

EVERGREEN. As indicated the shiny foliage is very small but rich in color. Somewhat leggy in youth it develops into a bushy shrub which when sprinkled with its glittering scarlet berries is a gem. Well drained place best.

4" Pots, 12 to 18 in.60	.50	.45
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racemiflora soongarica. 6'-7'**Coral Fruited Cotoneaster**

When seen in full fruit, this lovely shrub never fails to excite admiration and cause superlative adjectives. The wide spreading branches are just loaded with coral berries, contrasting vividly with the round gray-green leaves. Plant in open and give space to develop, at least six feet apart.

1½ to 2 ft.	B. & B.....	1.35	1.20	1.10
2 to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.00	2.70	

COTONEASTER—Continued

Each Ten Hundred

rotundifolia*. 6'-7'*Roundleaf Cotoneaster**

HALF EVERGREEN. Red berries in galore, clean attractive foliage and easily grown; there is no good reason why this shrub should not be extensively planted.

3 to 4 ft.	B. & B.....	2.00
4 to 5 ft.	B. & B.....	3.00

salicifolia floccosa*. 6'-8'*Willowleaf Cotoneaster**

EVERGREEN or practically so, the long slender leaves are dark green above, lighter beneath, and show off the red berries beautifully. Surely a most graceful spreading shrub.

1 to 1½ ft.	B. & B.....	1.00	.90
1½ to 2 ft.	B. & B.....	1.35	1.20

simonsi*. 5'-6'*Simon Cotoneaster**

HALF EVERGREEN. Loose spreading bush with arching branches well clothed in foliage. The scarlet berries insure recognition as a useful and colorful member

1½ to 2 ft.	B. & B.....	1.50	1.35
2 to 3 ft.	B. & B.....	2.25	2.00

zabeli miniata*. 4'-6'*Zabel Cotoneaster**

It is difficult to visualize any shrub that fruits more profusely. The slender spreading branches become garlands of vivid red berries which are effectively contrasted by the yellow autumn foliage. Easily grown and a beauty.

2 to 3 ft.	B. & B.....	2.00
3 to 4 ft.	B. & B.....	2.50

CRATAEGUS *arnoldiana*. 18'-20'**Arnold Hawthorn**

Vigorous and bold. The white flowers are large, crimson berries big and plentiful and the zigzag branches are well armed with long thorns. Large maple-like leaves.

3 to 4 ft.	.....	2.00	1.80
4 to 5 ft.	.....	2.50	2.25

carrieri*. 15'-20'*Carrier Hawthorn**

Very large round orange-red fruits persist nearly all winter. Has distinctive gray bark; open growth and rather round head, lustrous deep green oval leaves.

3 to 4 ft.	.....	2.00	1.80
4 to 5 ft.	.....	2.75	2.40
5 to 6 ft.	.....	3.50	3.30
6 to 8 ft.	.....	4.50	4.00

coccinea*. 10'-12'*Thicket Hawthorn**

That is right, a real thicket shrub, for the intricate maze of branches forms a veritable barrier. The white May-flowers are large and give place to rather dull brown-red berries. Shiny bright green foliage is almost oval, good till late fall.

3 to 4 ft.	.....	2.00	1.80
4 to 5 ft.	.....	2.50	2.25
5 to 6 ft.	.....	3.25	3.00
6 to 8 ft.	.....	4.00	3.60
8 to 10 ft.	.....	5.50	5.00

"Magnolia gardens" are just as possible here as in the South—just look at the enviable collection on pages 47 to 49 all perfectly hardy and easily grown—fit companions for Azaleas.

CRATAEGUS—Continued

Each Ten Hundred

cordata.* 20'-25'*Washington Thorn**

Beginning in May with white flowers followed by brilliant scarlet fruits which last nearly all winter, and throughout its pageant of autumn color most interesting and beautiful.

3 to 4 ft.	2.00	1.80	1.65
4 to 5 ft.	2.75	2.40	2.20
5 to 6 ft.	3.50	3.30	3.00
6 to 8 ft.	4.50	4.10	

crusgalli.* 20'-25'*Cockspur Thorn**

Apart from the mass of white flowers, this Thorn is valuable for the shiny rich green leaves that stay fresh until late autumn, then turn orange. If left by birds, some fruits will persist until spring. A very practical hedge.

3 to 4 ft.	2.00	1.80
4 to 5 ft.	2.50	2.25
5 to 6 ft.	3.25	
6 to 8 ft.	4.50	

ellwangeriana.* 15'-20'*Ellwanger Hawthorn**

Quite tree-like with ascending branches, large coarsely toothed leaves and big red berries, which soon fall.

3 to 4 ft.	2.00	1.80
4 to 5 ft.	2.50	2.25
5 to 6 ft.	3.25	3.00
6 to 8 ft.	4.00	3.60

mollis.* 20'-25'*Downy Hawthorn**

Has large light green thin leaves, showy white red-centered flowers, scarlet succulent fruits, used for jelly.

3 to 4 ft.	1.80	1.65
4 to 5 ft.	2.50	2.25
5 to 6 ft.	3.25	3.00
6 to 8 ft.	4.00	3.60
8 to 10 ft. B. & B.....	7.00	6.25
10 to 12 ft. B. & B.....	10.00	9.00

nitida.* 25'-30'*Glossy Hawthorn**

The spreading branches have but few thorns and the two inch leaves are glossy rich green above, changing to orange and scarlet tones in autumn. Dull red fruit.

2 to 3 ft.	1.20	1.00	.90
3 to 4 ft.	2.00	1.80	1.65
4 to 5 ft.	2.50	2.25	
5 to 6 ft.	3.25	3.00	
6 to 8 ft.	4.00	3.60	

oxyacantha.* 20'-25'*English Hawthorn**

In England this "May-Tree" is often used for hedging, but the clusters of large fragrant white flowers with their elusive fragrance and red berries make it worthy of wide use. A great favorite with birds for nesting and food.

3 to 4 ft.	1.35	1.20
4 to 5 ft.	1.75	1.50
5 to 6 ft.	2.50	2.25
6 to 8 ft.	3.25	3.00
8 to 10 ft. B. & B.....	6.00	5.40
10 to 12 ft. B. & B.....	7.50	6.75

CRATAEGUS oxyacantha—Continued Each Ten Hundred**— Double White, — Double Pink, — Paul's Scarlet.**

Double flowering forms that have been perpetuated because of the freedom with which they produce flowers.

3	to	4	ft. (no white)	1.80	.
4	to	5	ft. (no white)	2.50	
5	to	6	ft.	3.50	
6	to	8	ft.	5.00	
8	to	10	ft. (white only) B.&B.	10.00	

— rosea nova. 18'-20'**Pink English Hawthorn**

A most delightful break of the English May Tree with lovely pink single flowers—quite similar in other ways.

3	to	4	ft.	2.25	
4	to	5	ft.	3.00	

pedicellata. 15'-18'**Cluster stem Hawthorn**

Has rather large shiny scarlet fruits somewhat pear-shaped and handsome dark green leaves. Forms a splendid hedge.

4	to	5	ft.	2.50	2.25	2.00
5	to	6	ft.	3.25	3.00	2.70
6	to	8	ft.	4.00	3.60	

CRYPTOMERIA japonica lobbi. 50'-60'**Lobb Cryptomeria**

EVERGREEN. For this section undoubtedly the best form. It makes an irregular column of dark green, which changes to a warm purple bronze in winter. It wears so well that it has been most effectively used to replace native cedars that succumb to civilization. It is difficult to imagine any tree that has more dignity and inherent character than this. An avenue of large trees creates a most inspiring effect. A warm, moist, well-drained spot is ideal.

3	to	4	ft. B. & B.....	3.25	3.00	2.70
4	to	5	ft. B. & B.....	4.50	4.00	3.60
8	to	10	ft. B. & B.....	13.50	12.00	
10	to	12	ft. . B. & B.....	20.00	18.00	
12	to	14	ft. B. & B.....	30.00		
14	to	16	ft. B. & B.....	40.00		
16	to	18	ft. B. & B.....	50.00		

CYDONIA japonica. 3'-5'**Flowering Quince**

Quite unnoticed until the dazzling scarlet pageant of flowers arrests your attention in early spring. Seedling plants vary in color, and the fruits are spicily fragrant.

1	to	1½ ft.	.....	.35	.30	.25
1½	to	2 ft.	.....	.45	.40	.35
2	to	3 ft.	.....	.60	.55	.50
3	to	4 ft.	.....	.75	.70	

— alpina. 1'-2'**Alpine Quince**

A slow growing almost prostrate form with pink flowers.

1	to	1½ ft. spread85	.75	
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— corallina. 4'-5'**Coral Glow**

Vigorous growth, large shiny coral pink flowers. A handsome variety. Would make a perfectly stunning hedge.

1	to	1½ ft.	.....	.85	.75	.65
1½	to	2 ft.	.....	1.00	.90	
2	to	2½ ft.	.....	1.50	1.35	

— grandiflora. 3'-4'**Large Flowering Quince.**

Cream colored flowers variegated with pink. A novelty.

1½	to	2 ft.	1.00	.90	
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CYDONIA japonica—Continued

Each Ten Hundred

— **nivalis.** 3'-4'**White Flowering Quince**

The best white form with large flowers freely produced.

1 to 1½ ft.	.....	.75	.65	.60
1½ to 2 ft.	.....	.90	.80	.70
2 to 2½ ft.	.....	1.35	1.20	

— **pygmaea.** 2'-3'**Pygmy Flowering Quince**

Twisted branches form dense bush which is sprinkled with pale salmon flowers over a long period. The best one for a rock garden, and for facing a shrub border.

1 to 1½ ft. spread	.....	.85	.75	
1½ to 2 ft. spread	.....	1.20	1.00	

— **sanguinea plena.** 4'-5'**Double Red Quince**

Although not truly double the large red flowers are particularly brilliant and do have additional petals. Striking.

1½ to 2 ft.	.....	1.00	.90	.80
2 to 2½ ft.	.....	1.35	1.20	

maulei. 2'-3'**Lesser Flowering Quince**

If brilliancy is desired this low spiny bush ranks high for the vivid red flowers are remarkable in April. Try training this and other varieties on a south wall—surprisingly good.

1 to 1½ ft. spread	.....	.60	.50	.40
1½ to 2 ft. spread	.....	.80	.70	.60
2 to 2½ ft. spread	.....	1.00	.90	.80

CYTISUS kewensis. 1'-1½'**Kew Broom**

Almost procumbent, but forms a neat little mound generously dotted with sulphur colored pea shaped flowers. It needs and deserves a little protection.

2 year60	.55	
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scoparius. 5'-6'**Scotch Broom**

The long slender bright green branches are always conspicuous particularly when the pea-shaped yellow flowers are strung along them in spring.

5" Pots, 1½ to 2 ft.75	.65	.60
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— D —

Each Ten Hundred

DAPHNE cneorum. 1'**Rose Daphne**

EVERGREEN. Gray-green foliage, rose-pink deliciously fragrant flowers and a clean, neat habit make this garden gem the most appealing subject to any plant lover. Seems to thrive equally well in acid or sweet soil, in half shade or full sun, and it certainly seems at home in the rockery.

9 to 12 in. spread, B. & B.....	1.35	1.20	1.00
12 to 15 in. spread, B. & B.....	1.80	1.65	1.50
15 to 18 in. spread, B. & B.....	2.25	2.00	1.80

mezereum. 2½'-3'**February Daphne**

Upright fat little branches are thickly studded with deliciously fragrant rosy purple flowers in February. Scarlet berries are only sparsely produced but are most decorative. Even the gray green foliage, appearing later, is in harmony—a really worthwhile small shrub. Quite hardy.

15 to 18 in. spread, B. & B.....	.85	.75	
18 to 24 in. spread, B. & B.....	1.00	.90	

DEUTZIA gracilis. 3'-4'**Slender Deutzia**

One of the most useful of all low shrubs. A profusion of snow white flowers cover the round topped bush in May.

12 to 15 in. ....	.40	.36	.33
15 to 18 in. ....	.50	.45	.40
1½ to 2 ft. ....	.60	.55	

— rosea. 3'**Rose Panicle Deutzia**

The pinkish flowers are an added attraction. Neat habit.

15 to 18 in. ....	.40	.36	.33
1½ to 2 ft. ....	.50	.45	

lemoinei. 4'-5'**Lemoine Deutzia**

Large dazzling white flowers in short sprays are produced in amazing abundance making a "high spot" in June.

1 to 1½ ft. ....	.30	.25	.20
1½ to 2 ft. ....	.40	.36	.33
2 to 3 ft. ....	.50	.45	.40

magnifica. 8'-10'**Showy Deutzia**

Really magnificent in bloom, has great clusters of white flowers, more showy and desirable than any other variety.

1½ to 2 ft. ....	.35	.30	.27
2 to 3 ft. ....	.45	.40	.36
3 to 4 ft. ....	.60	.54	.50
4 to 5 ft. ....	.75	.70	.60
5 to 6 ft. ....	.90	.80	.70

scabra Pride of Rochester. 8'-9'**Pink Deutzia**

Deservedly popular, this husky fellow produces clouds of tassel-like flowers in May which last for some weeks. The usual blush coloring sometimes deepens to a real pink.

1½ to 2 ft. ....	.30	.27	
2 to 3 ft. ....	.40	.36	.33
3 to 4 ft. ....	.50	.45	.40
4 to 5 ft. ....	.65	.60	.55
5 to 6 ft. ....	.80	.70	.60

DIERVILLA trifida. 3'-4'**Dwarf Bush Honeysuckle**

So called because the yellow mid-summer flowers somewhat resemble the honeysuckle. In landscape planting it is a most useful low bush for shade, where autumn color shows well. Forms a mass by underground stems.

1 to 1½ ft. ....	.30	.27	
1½ to 2 ft. ....	.45	.40	
2 to 2½ ft. ....	.60		

— E —

ELAEAGNUS longipes. 5'-6' **Gumi-Cherry Eleagnus**

Hot dry sunny place seems to perfect this shrub. Except for their fragrance the yellow flowers might be unnoticed, but the long stemmed orange-red fruits are most decorative.

1½ to 2 ft.	.....	.60	.54	.50
2 to 3 ft.	.....	.70	.60	.55
3 to 4 ft.	.....	.90	.70	.65
4 to 6 ft.	.....	1.20	1.00	.90
6 to 7 ft.	.....	1.80	1.50	

pungens reflexa. 10'-12'

Thorny Eleagnus

EVERGREEN. When established will successfully brave our winters and is certainly worthy of trial. The wavy rich green two or three inch leaves are brown, scaly beneath, and the small clusters of silvery flowers are "scented before seen" followed by decorative orange fruits.

1½ to 2 ft.	B. & B.....	2.00
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ELSHOLTZIA farquhari. 3'-4'

Mint Shrub

Numerous spikes of reddish purple flowers top the bush in August and remain attractive for weeks. When crushed, the narrow leaves have a minty odor. Winter freezing of the top merely serves to make a more bushy specimen.

3 year50	.40
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ENKIANTHUS campanulatus. 12'-15'

Redvein Enkianthus

Something to enthuse over! Without artificial shaping will develop into a handsome large shrub well clothed with clean foliage which turns brilliant red in fall. Bunches of nodding flowers are borne on the whorled branches, and these red-veined white cups are quite unique.

2 to 2½ ft.	B. & B.....	3.00	2.70
2½ to 3 ft.	B. & B.....	4.00	3.60
3 to 4 ft.	B. & B.....	6.00	5.40

EPIGAEA repens. 2"-4"

Trailing Arbutus

EVERGREEN. Although somewhat difficult to establish in cultivation a much loved wildling that carpets the ground with broad leaves and produces its clusters of delicate rose colored flowers in May. It seems incredible such a lowly plant could exhale the exquisite fragrance so characteristic of this gem. Acid soil is necessary.

5" Pots established75	.60
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ERICA carnea. 10"-12"

Spring Heath

EVERGREEN. Opening in early spring, the bright rosy-pink flowers persist for months, surely a most striking thing.

2 year, 6 to 9 in.60	.55
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EUONYMUS alatus. 8'-9'

Winged Euonymus

Pink and crimson in autumn, interesting corky branches in winter, this handsome interesting shrub is too little used.

1½ to 2 ft.	.....	.45	.40	.36
2 to 3 ft.	.....	.60	.54	.50
3 to 4 ft.	.....	.75	.70	.60
4 to 5 ft.	.....	.90	.80	
5 to 6 ft.	.....	1.20	1.00	

— compactus. 5'-6'

Compact Winged Euonymus

Just as beautiful and even neater than its big brother. Useful for a specimen, mass, or hedge planting.

2 to 3 ft. .....	.75	.60
3 to 4 ft. .....	.90	.80

EUONYMUS—Continued

Each Ten Hundred

europaeus. 12'-15'**Burning Bush**

Slender and tree like, escapes notice until the dull leaves take on a purplish crimson coloring in autumn—then you watch for the bright pink and scarlet fruits strung along the green four sided stem like hanging ornaments. Lovely.

1 1/2 to 2 ft.	.....	.50	.40
2 to 3 ft.	.....	.60	.50

hamiltonianus. 9'-10'**Hamilton Euonymus**

Numerous pale pink fruits split open to show the scarlet seeds, although somewhat "leggy" is assuredly worthy of wide recognition. Judicious pruning is helpful.

1 1/2 to 2 ft.	.....	.75	.65	.60
2 to 3 ft.	.....	.90	.80	.75

patens. 8'-10'**Spreading Euonymus**

HALF-EVERGREEN. If in doubt plant this shrub—it seems contented in all places and conditions. The glossy 3-inch wavy leaves become stained with purple as autumn progresses and the orange fruits hang on almost until spring. Makes a broad round specimen, perfect for hedges.

1 to 1 1/2 ft.	B. & B.....	.60	.54	.50
1 1/2 to 2 ft.	B. & B.....	.85	.75	.70
2 to 3 ft.	B. & B.....	1.20	1.10	

radicans. 15'-20' Vine.**Wintercreeper**

EVERGREEN. Makes good cover for wall or ground.

2 year, 6 to 9 in.40	.35	.25
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— carrieri. 3'-4' Vine.**Glossy Wintercreeper**

EVERGREEN. Large shiny leaves mark this brisk grower as quite distinct. Will make a fine hedge, but rarely fruits.

2 year, 9 to 12 in.50	.45	.40
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— coloratus. 4'-6' Vine.**Purple Wintercreeper**

EVERGREEN. For a ground cover in shade there are few things to equal this. The long narrow leaves are rosy-purple underneath and the veins pencilled in gray.

2 year, 12 to 15 in.40	.35	.30
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— minimus. 3' Vine.**Baby Wintercreeper**

EVERGREEN. Tiny leaves, pencilled in gray, are daintily arranged along the climbing vines, which grow vigorously to their appointed stature; then age. For rock gardens.

2 year, 6 to 8 in.40	.35	.30
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— vegetus. 12'-15' Vine.**Bigleaf Wintercreeper**

EVERGREEN. Generally conceded to be the most reliable self-clinging evergreen vine in the north. From the shrubby bush long basal shoots climb on almost any support. Has thick dull green round leaves and orange fruits.

2 year, 9 to 12 in.50	.45	.40
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yedoensis. 9'-10'**Yeddo Euonymus**

Has characteristic pinkish fruits and orange seeds plentifully produced—a glorious spectacle when mature.

1 1/2 to 2 ft.60
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EXOCHORDA grandiflora. 8'-10'**Pearl Bush**

During May the dazzling whiteness of the lovely frail-looking flowers always attract attention. Annual pruning improves the natural open habit. Prefers moist place.

2 to 3 ft.	.....	.50
3 to 4 ft.	.....	.65

EXOCHORDA—Continued

Each Ten Hundred

giraldi wilsoni.* 10'-12'*Wilson Pearl Bush**

Decidedly the most handsome of the family. The globular white flower buds are arranged in loose bunches, but in May when fully open the glistening snowy flowers seem like large drifts throughout the bush. Has upright habit.

1½ to 2 ft.	.....	.60	.50
2 to 3 ft.	.....	.75	.60

— F —**FAGUS americana. 80'-100'****American Beech**

Grows slowly, but a handsome native, whose clean gray-barked trunks are familiar in light woods. Prefers well drained alkaline soil and spring planting. A beautiful tree.

2 to 3 ft.	B. & B.	1.80	1.65	1.50
3 to 4 ft.	B. & B.	2.25	2.00	1.80
4 to 5 ft.	B. & B.	3.25	3.00	2.70
5 to 6 ft.	B. & B.	5.00	4.50	4.00
6 to 8 ft.	B. & B.	7.50	6.75	6.00
8 to 10 ft.	B. & B.	11.00	10.00	

sylvatica.* 80'-100'*European Beech**

Has smaller darker leaves and grows even more slowly than the native. Likes similar treatment, shade while young.

2 to 3 ft.	B. & B.	1.65	1.50	1.35
3 to 4 ft.	B. & B.	2.25	2.00	1.80
4 to 5 ft.	B. & B.	3.25	3.00	2.70
5 to 6 ft.	B. & B.	5.00	4.50	4.00
6 to 8 ft.	B. & B.	7.50	6.75	6.00
8 to 10 ft.	B. & B.	11.00	10.00	

— *asplenifolia.* 60'-70'**Fernleaf Beech**

Well named for the deeply cut long narrow graceful leaves.

2 to 3 ft.	B. & B.	3.25	3.00	2.70
3 to 4 ft.	B. & B.	4.50	4.00	3.60
4 to 5 ft.	B. & B.	6.50	6.00	5.40
5 to 6 ft.	B. & B.	9.00	8.00	
6 to 8 ft.	B. & B.	12.00	11.00	

— *fastigiata.* 40'-50'**Upright Beech**

Not considering time this would be an excellent substitute for the Lombardy Poplar. Inspiring when mature. Scarce.

2 to 3 ft.	B. & B.	3.25	3.00
3 to 4 ft.	B. & B.	4.50	4.00
4 to 5 ft.	B. & B.	6.50	6.00
5 to 6 ft.	B. & B.	9.00	8.00
6 to 8 ft.	B. & B.	12.00	

— *pendula.* 50'-60'**Weeping Beech**

Of all "weeping" trees this is the finest, the branches descend to the ground in broad tortuous curves making a character specimen even in winter. Effective on rolling contours, or as a single specimen on the lawn.

4 to 5 ft.	B. & B.	7.50
5 to 6 ft.	B. & B.	10.00
6 to 8 ft.	B. & B.	13.50
8 to 10 ft.	B. & B.	18.00
10 to 12 ft.	B. & B.	21.00

— *riversi.* 70'-80'**Rivers Purple Beech**

The best purple leaf tree, grafted. Handsome and dignified.

4 to 5 ft.	B. & B.	6.50
5 to 6 ft.	B. & B.	9.00
6 to 8 ft.	B. & B.	12.75
8 to 10 ft.	B. & B.	18.00
10 to 12 ft.	B. & B.	21.00

FORSYTHIA

Each Ten Hundred

intermedia spectabilis. 8'-9'**Showy Border Golden Bell**

Here is the most spectacular member of the family, with larger deeper yellow flowers in profusion. Indispensable.

1½ to 2 ft.	.....	.30	.27	.24
2 to 3 ft.	.....	.40	.35	.30
3 to 4 ft.	.....	.50	.45	.40
4 to 5 ft.	.....	.65	.60	

ovata. 6'-8'**Korean Goldenbell**

Of all the goldenbells this has proved most hardy. While the amber yellow flowers are not so numerous or showy as other forms, they will defy any winter we can ever expect.

1½ to 2 ft.50	.45	
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suspensa. 6'**Weeping Golden Bell**

Much more graceful, particularly if allowed to hang over a retaining wall. The willowy branches root at the tips and form an immense mass in a few years. Effective on walls.

1½ to 2 ft.	.....	.35	.30	.25
2 to 3 ft.	.....	.40	.35	.30
3 to 4 ft.	.....	.55	.50	.45
4 to 5 ft.	.....	.70	.60	

viridissima. 8'-9'**Green Stem Forsythia**

The last to flower. Has vigorous, upright green stems.

1½ to 2 ft.	.....	.30	.27	.24
2 to 3 ft.	.....	.40	.35	.30
3 to 4 ft.	.....	.50	.45	.40

— koreana. 7'-8'**Korean Forsythia**

Really an improvement over the type in hardness and effect but not as spectacular in flower as other varieties.

1½ to 2 ft.60		
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— G —***GENISTA pilosa. 1'-2'*****Silky Leaf Broom**

Will convert a hot, stony bank into a blanket of brilliant yellow in May and June. The dark, neat foliage is attractive.

4" Pots, 3 year, 9 to 12 in. spread90	.80	.70
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prostrata. 3"**Creeping Broom**

Just fine for hugging a boulder in the rock garden. Tiny leaves and good sized yellow flowers clothe the mat.

3" Pots, 6 to 9 in spread75	.60	
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sagittalis. 9"-12"**Arrowhead Broom**

Low almost prostrate flat jointed stems curve up to hold the little bunches of clear yellow pea-blossoms in June and July, and afterwards the silky seed pods hold attention.

4" Pots, 5 to 8 in. spread90	.72	
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sylvestris pungens. 4"**Prickly Broom**

Lovely golden flowers glorify this little bush in June. Prefers sunny, well drained spot, and is worthy of it.

3" Pots, 6 to 9 in. spread75	.60	
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tinctoria. 2'-3'**Woadwaxen**

Slender green whip-like shoots bearing bunches of yellow pea shaped blossoms form a loose bush sparsely clothed with small leaves. Loves the sun but not the cold wind.

2 to 3 ft.90	.80	
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GENISTA tinctoria—Continued

Each Ten Hundred

GINKGO biloba. 100'

Maidenhair Tree

— **plena.** 2'-3'

Double Woadwaxen

Really a good form with double flowers similar in habit.
2 year, 6 to 9 in. 1.00

Full of interest, historically and physically, a grand old patriarch of a bygone age. Practically insect, dust and disease proof; good for city planting, but grows slowly.

6 to 8 ft.	3.50	3.30
8 to 10 ft., 1½ to 1½ in....	5.00	4.50
10 to 12 ft., 1½ to 1¾ in....	7.00	6.50
12 to 14 ft., 1¾ to 2 in....	9.00	8.00
12 to 14 ft., 2 to 2½ in....	11.00	

— **fastigiata.** 60'-80'

Column Maidenhair Tree

A narrow cylindrical form very useful for accents. Scarce.

2½ to 3 ft.	3.00	
4 to 6 ft.	6.00	
6 to 8 ft.	7.50	

GYMNOCLADUS dioica. 60'-80'

Kentucky Coffee Tree

Gnarled branchlets and thick branches—a picture of age.

2 to 3 ft.	.80	.70
3 to 4 ft.	1.20	1.00
4 to 6 ft.	1.80	

— H —

HALESIA tetrapeta. 20'-25'

Great Silver Bell

During May a lovely thing indeed. Myriads of little pearly bells dangle from the reaching branches, to be followed by interesting brown winged seeds. Will yet come into its own.

3 to 4 ft.	.65	.60	.55
4 to 5 ft.	.90	.80	.70
5 to 6 ft.	1.20	1.00	.90
6 to 8 ft.	1.50	1.35	

HAMAMELIS japonica. 20'-25'

Japanese Witch Hazel

Spidery canary yellow flowers decorate the naked branches in mid-winter even during zero weather. Handsome smooth round leaves turn yellow in autumn.

2 to 3 ft.	1.50
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mollis. 15'-25'

Chinese Witch Hazel

Every February this glorious shrub surprises us with its fragrant ribbon-like flowers of spun gold draped throughout the branches. Always a cheerful spot in a drab winterscape, even in zero weather. In summer the handsome velvety gray-green foliage clothes this well-shaped bush, which seems happiest in slightly moist place. Indispensable for the border, or near the doorway.

2 to 3 ft.	1.80	1.50
3 to 4 ft.	2.25	2.00
4 to 5 ft.	3.00	2.70
5 to 6 ft.	4.50	

vernalis. 4'-6'

Vernal Witch Hazel

Not so showy but sweetly fragrant these pale yellow flowers mature in January, opening and closing with warm and cold spells. The small foliage is smooth but deeply veined. There is also a form with reddish flowers.

1½ to 2 ft.	.75	.70
2 to 3 ft.	1.00	.90

HAMAMELIS—Continued

Each Ten Hundred

virginiana. 15'-25'**Witch Hazel**

The fringy light yellow flowers are conspicuous in November brightening our native woods. Splendid in mass when the rich yellow autumn color is effective bordering swamps.

1 1/2 to 2 ft.	.50	.45	.40
4 to 5 ft.	1.00	.90	
5 to 6 ft.	1.35		

HEDERA helix. 60'-75'**English Ivy**

EVERGREEN. Where hardy the finest ground or wall cover. For this section it is best to plant where morning sun does not strike. In winter the rich green foliage is beautifully veined with white. Once established it becomes ageless.

4" Pots, 1 1/2 to 2 ft.	.35	.30	.25
6" Pots, 2 to 2 1/2 ft.	1.00	.90	

— baltica. 30'-40'**Baltic Ivy**

EVERGREEN. Quite similar to the English Ivy, but has smaller leaves veined white, which in winter assume a purplish tone. Being really hardy this is more reliable.

3" Pots, 12 to 15 in.	.45	.40	.35
4" Pots, 15 to 18 in.	.60	.55	.50

— conglomerata. 1 1/2'-2'**Bunchleaf Ivy**

EVERGREEN. The curiously twisted stems are crowded with small wavy leaves. Looks perfectly at home in the rock garden where it never grows out of bounds, introduces a weathered effect. An occasional freeze back helps.

3" Pots, 4 to 6 in.	.50	.45	.40
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— deltoidea.**Heartleaf Ivy**

EVERGREEN. Narrow heart shaped leaves distinguish this neat little fellow—half vine, half shrub.

4" Pots, 4 to 6 in.	.75	.60	.50
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— minima.**Erect Ivy**

EVERGREEN. Quite self sufficient with thick but small leaves systematically crowded on the short branchlets—a delightful subject for the rock garden, or even in a pot.

3" Pots, 3 to 5 in.	.50	.45	.35
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— pedata.**Birdsfoot Ivy**

EVERGREEN. A hardy form that clings tightly but not a quick grower. The star like leaves are distinctly veined.

3" Pots, 6 to 9 in.	.60	.50	.40
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— self branching.**Pittsburgh Ivy**

EVERGREEN. Without any cutting or pinching this form develops into a well furnished little bush with occasional long branches. Small foliage is light green and closely arranged on the branches. Needs protection where exposed.

3" Pots, 6 to 9 in.	.45	.40	.30
4" Pots, 9 to 12 in.	.60	.50	.40

HIBISCUS syriacus. 10'-12'**Rose of Sharon**

Has a characteristic upright habit useful in formal work. Plant in spring as it grows until late autumn. August.

Double white. Single purple. Single red. Double pink.

1 1/2 to 2 ft.	.35	.30	.27
2 to 3 ft.	.45	.40	.36
3 to 4 ft.	.60	.55	
4 to 5 ft.	.75		

HIBISCUS syriacus—Continued— *coelestis*, Single blue

1½ to 2 ft.	.....
2 to 3 ft.	.....
3 to 4 ft.	.....

Each Ten Hundred

W. R. Smith, Single white

.50	.45
.60	.54
.75	.70

HYDRANGEA**arborescens grandiflora.** 4'-5'**Snow Hill Hydrangea**

The rather straggling habit is more than offset in July and August by the fine display of white flowers borne in large bunches. Prune severely for best results. Useful in shade.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.70	.65	.60

paniculata. 10'**Panicle Hydrangea**

The long loose trusses of white flowers are borne gracefully and make this a most desirable shrub for August bloom.

1½ to 2 ft.	.....	.30	.27	.25
2 to 3 ft.	.....	.45	.40	.35
3 to 4 ft.	.....	.60	.55	.50
4 to 5 ft.	.....	.75	.70	

— grandiflora. 8'-10'**Peegee**

Almost everyone knows the great heads of white flowers that gradually turn pink when cut and dried for decoration.

2 to 3 ft.	.....	.60	.55	.50
3 to 4 ft.	.....	.75	.65	.60

petiolaris. 35'-40' **Vine.****Climbing Hydrangea**

Until it takes on some age the sterling character of this little known climbing shrub is not appreciated. The large round leaves shingle the wall forming a perfect background for the flat topped bunches of fragrant white flowers in early summer. Old stems have brown bark. Prefers north wall.

4" Pots, 9 to 12 in.	1.50	1.35
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quercifolia. 3'-4'**Oak Leaf Hydrangea**

Glorious in its autumn dress when the large oak-like leaves assume brilliant colors. The white flowers gradually turn purplish when old; semi-shade or woods margin.

1½ to 2 ft.	.....	.60	.55	.50
2 to 3 ft.	.....	.75	.65	.60

HYPERICUM aureum. 3'-4'**Golden St. Johnswort**

Most welcome in July and August when the brilliant yellow flowers with their centre brush of silky stamens are at their best. Even in a dry rocky place will maintain its neat cheerful habit and covering of blue green foliage.

1½ to 2 ft.	.....	.50	.45	.40
2 to 3 ft.	.....	.60	.55	.50
3 to 4 ft.	.....	.75	.65	.60

moserianum. 1½'**Goldflower**

HALF EVERGREEN. Many reddish arching stems arise from the ground, each well laden in midsummer with lovely golden yellow flowers with a soft brush-like centre. Will well repay a little shelter. Very useful in herbaceous border, for cutting as well as a foliage plant.

2 year, 12 to 18 in.50	.40
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Perhaps some of the combination plantings on pages 132-133 will fit in your garden. Won't you please suggest others that are effective?

— I —

Each Ten Hundred

ILEX cornuta. 10'**Chinese Holly**

EVERGREEN. One that bids well to become a favorite. The oblong rectangular leaves vary from $1\frac{1}{2}$ to 4 inches long but retain the characteristic shape and leathery texture. Scarlet berries are attractive. Need some shelter.

1 to 1½ ft.	B. & B.....	1.50
1½ to 2 ft.	B. & B.....	2.00
2 to 3 ft.	B. & B.....	2.50

crenata. 12'-15'**Japanese Holly**

EVERGREEN. Has thick dark lustrous green leaves of variable size never larger than a privet, really quite unlike a holly. Forms a fine large bush for permanent planting and does not object to some shade. Black berries.

1 to 1½ ft.	B. & B.....	1.35	1.20	1.00
1½ to 2 ft.	B. & B.....	2.00	1.80	1.50
2 to 3 ft.	B. & B.....	3.00	2.70	2.25
3 to 4 ft.	B. & B.....	5.50	4.80	4.50
4 to 5 ft.	B. & B.....	8.00	7.00	6.30
5 to 6 ft.	B. & B.....	10.00	9.00	

— convexa (bullata.) 3'-4'**Boxleaf Japan Holly**

EVERGREEN. Think of this as a dwarf boxwood which it resembles both in habit and foliage. Any plant lover cannot help but enthuse over an old specimen broader than high well clothed in roundish convex leaves that withstand the hardest winters. Eventually this will be the recognized hardy substitute for dwarf boxwood edging.

4 to 6 in.	edging .....	.30	.24	.18
6 to 9 in.	edging .....	.50	.40	.30
12 to 15 in.	B. & B.....	1.35	1.20	
15 to 18 in.	B. & B.....	2.00	1.80	
1½ to 2 ft.	B. & B.....	2.75	2.50	
2 to 2½ ft.	B. & B.....	3.75	3.30	
2½ to 3 ft.	B. & B.....	5.50	5.00	
3 ft.	B. & B.....	7.50		

— helleri. 1'-1½'**Heller Holly**

EVERGREEN. Just hugs the ground and forms a broad flat compact mass just packed with stiff twigs which in turn are well clothed with shiny dark green leaves half inch or less in length. Very neat and slow in growth—a gem for low permanent planting. Needs no pruning.

6 to 9 in. spread	.....	.90	.75	.60
9 to 12 in. spread, B. & B....		1.25	1.00	.90
12 to 15 in. spread, B. & B....		2.25	2.00	
15 to 18 in. spread, B. & B....		4.50		
1½ to 2 ft. spread, B. & B....		6.00		
2 to 2½ ft. spread, B. & B....		7.50		

— microphylla. 8'-10'**Littleleaf Japanese Holly**

EVERGREEN. Even the smallest plant shows inherent character and sturdiness. Being more hardy than the type this form is recommended for general use, particularly as the twiggy branches make an ideal hedge or handsome specimen. Has smaller leaves and a much bushier habit.

1 to 1½ ft. Bushy, B. & B....		1.35	1.20	1.00
1½ to 2 ft. Bushy, B. & B....		2.25	2.00	1.80
2 to 2½ ft. Bushy, B. & B....		3.50	3.25	3.00
2½ to 3 ft. Bushy, B. & B....		5.00	4.50	4.00
3 to 4 ft. Bushy, B. & B....		7.50	7.00	6.00
4 to 5 ft. Bushy, B. & B....		10.00	9.00	
5 to 6 ft. Bushy, B. & B....		13.50		

ILEX crenata—Continued

Each Ten Hundred

— **rotundifolia.** 12'-15'**Roundleaf Japan Holly**

EVERGREEN. In character rather more loose and irregular than "crenata," but quite distinct because of its leaves which are almost as large as Privet. The upright tendency can be used to good advantage in mass plantings.

1½ to 2 ft.	B. & B.....	2.25	2.00
2 to 3 ft.	B. & B.....	3.50	3.00

glabra. 4'-6'**Inkberry**

EVERGREEN. Rather loose but well clothed with deep green leaves that turn to a peculiar metallic deep purple color in winter. Most effective in masses when the glittering black berries are more evident. Grows in shade or sun.

12 to 15 in.	B. & B.....	1.35	1.20
15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.50
2 to 2½ ft.	B. & B.....	3.75	3.50
2½ to 3 ft.	B. & B.....	5.00	4.50
3 to 3½ ft.	B. & B.....	7.00	6.30

latifolia. 50'-60'**Broadleaf Holly**

EVERGREEN. Judging from the handsome glossy green six inch oblong leaves it promises to develop into "one of the most beautiful Hollies" to quote L. H. Bailey. The red fruits are arranged in dense clusters and so far it has proved hardy, but we suggest winter protection at first.

1 to 1½ ft., 5" Pots	2.25
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opaca. 30'-40'**American Holly**

EVERGREEN. Christmas is immediately suggested by the familiar typical holly leaves and red berries. Be sure to get both male and female trees if berries are wanted, and transplant in spring. Young plants seem to prefer light shade but later a moist but well-drained sunny spot will produce a more compact specimen. Acid soil preferred.

1½ to 2 ft.	B. & B.....	1.50	1.35
2 to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	5.00	4.50
4 to 5 ft.	B. & B.....	7.50	6.75
5 to 6 ft.	B. & B.....	10.00	9.00
6 to 7 ft.	B. & B.....	13.50	
6 to 8 ft. specimens, B.&B.		25.00 to 75.00	each

— **xanthocarpa.** 25'-30'**Yellow Fruited Holly**

EVERGREEN. Finally we found this true form with really yellow berries. Similar to the type but seems more hardy.

1 to 1½ ft.	B. & B.....	2.25
1½ to 2 ft.	B. & B.....	3.50

pernyi. 7'-8'**Perny Holly**

EVERGREEN. Thick, small, angular leaves are crowded on the branchlets, and the dark lustrous green coloring makes a splendid foil for the bright red berries. The intricate branching habit results in a spiny compact bush.

3" Pots, 6 to 12 in.	1.50	1.35
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verticillata. 8'-10'**Common Winterberry**

One of the few native shrubs that carries its bright red fruits practically throughout winter. While generally found in swampy ground it seems perfectly happy when high and dry. Plant in groups to insure a crop of berries—it's a holly!

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.65	.60	.55
3 to 4 ft. ....	.80	.70	.65
4 to 5 ft.	1.00	.90	
5 to 6 ft.	1.50	1.35	

ILEX verticillata—Continued Each Ten Hundred

— **polycarpa. 7'-8'** **Large Fruited Winterberry**

Quite an improvement over the old but beautiful type.
Red berries are larger, more profuse and just as brilliant.

2 to 3 ft.90

INDIGOFERA amblyantha. 5'-6' **Pink Indigo**

Beginning in July clusters of pink pea-blossoms bejewel the arching branches until October. Airy bright green foliage creates a soft effect often lacking in small border planting.

2 to 3 ft. 1.00 .90

3 to 4 ft. 1.25 1.10

kirilowi. 3'-4' **Kirilow Indigo**

Very small rose colored flowers in dense bunches brighten up the compact bush in July. Withstands drought and heat.

1½ to 2 ft.75

potanini. 5'-6' **Potanin Indigo**

More upright and compact than the former with slightly larger pale pink flowers. An occasional freeze back helps.

3 to 4 ft. 1.50 1.35

— **J** —

JASMINUM nudiflorum. 4'-5' **Winter Jasmine**

Most effective when the long slender viny branches are trained on a sunny wall to display the bright starry yellow bells in April and sometimes during a warm February. As a shrub the branches will root as they spread, into a mass.

3 year, 1½ to 2 ft.75 .65

JUNIPERUS chinensis. 18'-20' ALL EVERGREEN Chinese Juniper

A formal narrow cone of gray-green foliage assuming more character with age. Reliable and useful. Very hardy.

2 to 2½ ft.	B. & B.....	2.00	1.80	1.50
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40	
6 to 7 ft.	B. & B.....	8.00		

— **albo variegata. 8'-10'** **White Leaf Chinese Juniper**

Creamy white branchlets are interspersed throughout the bush. Other foliage is blue-gray. Forms stocky pyramid.

5 to 6 ft.	B. & B.....	5.00	4.50
6 to 7 ft.	B. & B.....	7.50	6.75
7 to 8 ft.	B. & B.....	9.00	
8 to 10 ft.	B. & B.....	12.00	

— **columnaris. 20'-25'** **Column Chinese Juniper**

Rapidly grows into a slender shaft of gray-green. Splendid "accent" plant. An annual trimming keeps column compact.

4 to 5 ft.	B. & B.....	4.50	4.00
5 to 6 ft.	B. & B.....	5.75	5.25
6 to 7 ft.	B. & B.....	7.50	6.75
7 to 8 ft.	B. & B.....	10.00	9.00
8 to 10 ft.	B. & B.....	13.50	12.00
10 to 12 ft.	B. & B.....	18.00	16.50
12 to 14 ft.	B. & B.....	22.50	20.00

The soil preference list on pages 123-124 may help you to determine what plants will do best in your garden.

JUNIPERUS chinensis—Continued**— columnaris viridis. 20'-25'**

Each	Ten	Hundred
Green Column Juniper		

This green form is more pyramidal and grows more slowly.

3 to 4 ft.	B. & B.....	3.50	3.30	3.00
4 to 5 ft.	B. & B.....	4.50	4.00	
5 to 6 ft.	B. & B.....	5.75	5.25	
6 to 7 ft.	B. & B.....	7.50	6.75	
7 to 8 ft.	B. & B.....	10.00	9.00	
8 to 10 ft.	B. & B.....	13.50	12.00	
10 to 12 ft.	B. & B.....	18.00		

— fortunei. 12'-15'**Fortune Juniper**

Quite distinct with its informal broadly pyramidal outline, and gray-green foliage this is useful in mixed planting.

5 to 6 ft.	B. & B.....	6.00
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— japonica. 4'-5'**Japanese Juniper**

Being extremely hardy this low spreading bush retains its handsome rich green coloring throughout the coldest winter. Grows slowly and looks at home among large rocks.

3 to 4 ft.	B. & B.....	6.00
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— neaboriensis. 8'-10'**Conical Chinese Juniper**

Possibly the most formal cone-shaped Juniper we have. Although never trimmed the neat tight pyramid always looks as though just "groomed." A perfect accent or tub plant.

3 to 4 ft.	B. & B.....	3.00	2.70
4 to 5 ft.	B. & B.....	4.00	3.60

— pfitzeriana. 5'-6'**Pfitzer Juniper**

Naturally develops into a spreading vase-shaped bush formed by handsome plume-like branches. Being resistant to cold, dust, smoke and drought it is widely used in city plantings, and deserves its popularity. Indispensable.

15 to 18 in. spread, B. & B....	2.25	2.00
1½ to 2 ft. spread, B. & B....	2.75	2.50
2 to 2½ ft. spread, B. & B....	3.50	3.00

— sargentii. 2'-2½'**Sargent Juniper**

Prostrate in habit, this hardy ground cover quickly forms a mat of bright grass-green foliage in a sunny spot.

15 to 18 in. spread, B. & B....	2.25	2.00	1.80
1½ to 2 ft. spread, B. & B....	3.00	2.70	

communis montana. 1½"**Mountain Juniper**

In its native rocky home the large perfectly flat carpets of cheerful green are strikingly effective. The prostrate branches just reach out horizontally about a foot off the ground and cover surprisingly large areas. Scarce.

1 to 1½ ft. spread, B. & B....	1.50	1.35
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conferta. 9"-12"**Shore Juniper**

For a Juniper has unusually large bloomy black berries and half inch spiny pointed leaves. Rather difficult to transplant but useful for seashore planting. Bright green.

15 to 18 in. spread, B. & B....	2.25	2.00
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excelsa stricta. 5'-6'**Spiny Greek Juniper**

These blue-gray "blobs" are so often seen in window boxes, formal gardens and mixed foundation plantings.

12 to 15 in.	B. & B.....	.90	.80	.70
15 to 18 in.	B. & B.....	1.20	1.10	1.00
1½ to 2 ft.	B. & B.....	2.00	1.80	1.50
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.00	2.70	2.40
3 to 4 ft.	B. & B.....	3.75	3.30	

JUNIPERUS—Continued

Each Ten Hundred

horizontalis. 1'-2'**Creeping Savin**

Has long prostrate branches that crawl over and around stones to spread its green plumes. A sunny rocky slope with plenty of room is ideal. Tinged lavender in winter.

1 to 1½ ft. spread, B. & B.....	1.35
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— Bar Harbor. 6"-12"**Bar Harbor Juniper**

Of all ground Junipers we rate this first, it actually "hugs" the ground and makes a velvety mat of gray-green foliage which in winter changes to a most attractive metallic purple and lavender coloring. Splendid for the rock garden.

9 to 12 in. spread, B. & B.....	1.50	1.35
12 to 18 in. spread, B. & B.....	2.25	2.00

— douglasii. 1'**Waukegan Juniper**

Rather slow irregular growth, steely blue foliage turning purple in winter. Irregular trailing habit effective in rocks.

1 to 1½ ft. spread, B. & B.....	1.50	1.35
1½ to 2 ft. spread, B. & B.....	2.25	2.00
2 to 2½ ft. spread, B. & B.....	3.00	2.70

— glauca. 1'**Blue Creeping Savin**

An improvement upon the green type, both in neatness and coloring. Blue gray in summer, purple in winter.

1 to 1½ ft. spread, B. & B.....	1.35	1.20	1.00
1½ to 2 ft. spread, B. & B.....	1.80	1.65	

— plumosa. 1'-2'**Plumed Spreading Juniper**

Even a single plant will make a neat low dense mat of soft silver-green which gradually takes on a rich deep lavender purple color with colder weather. Handsome

15 to 18 in. spread, B. & B.....	1.50	1.20	1.10
1½ to 2 ft. spread, B. & B.....	2.00	1.80	1.50
2 to 2½ ft. spread, B. & B.....	2.50	2.25	
2½ to 3 ft. spread, B. & B.....	3.00		

sabina. 5'-6'**Savin**

A vase shape bush of dark green, dependable in exposures.

15 to 18 in. B. & B.....	1.20	1.00
3 to 4 ft. B. & B.....	3.75	

— fastigiata. 10'-12'**Upright Savin**

The best looking and most useful form of Savin. Every branch competes with its neighbor in trying to grow erect as possible so that a well shaped dense column is formed similar to the Italian Cypress. Decidedly a good plant.

3 to 4 ft. B. & B.....	3.75	3.30	3.00
4 to 5 ft. B. & B.....	5.00	4.50	

squamata. 1'-2'**Scaly Leaf Juniper**

Stays "good" indefinitely and is one of the finest winter evergreens. All the creeping branches are well clothed with scaly gray-green foliage equally resistant to heat or cold, presenting a neat flat surface at all times.

12 to 15 in. spread, B. & B.....	1.80	1.65	1.50
15 to 18 in. spread, B. & B.....	2.25	2.00	1.80
1½ to 2 ft. spread, B. & B.....	3.00	2.70	2.40
2 to 2½ ft. spread, B. & B.....	4.00	3.60	3.30
2½ to 3 ft. spread, B. & B.....	5.25		
3 to 4 ft. spread, B. & B.....	7.50		

— variegata. 1'-2'**Variegated Scaly Juniper**

But for the occasional creamy white sprays, this variety is similar to the green type, just as good in winter.

15 to 18 in. spread, B. & B.....	2.25	2.00
1½ to 2 ft. spread, B. & B.....	3.00	2.70

JUNIPERUS—Continued

Each Ten Hundrec

virginiana* 30'-50'*Redcedar**

Our well loved native Cedar which has given rise to all the following variations. Annual trimming will improve it.

2	to	3	ft.	B. & B.....	1.80	1.65
3	to	4	ft.	B. & B.....	2.25	2.00
4	to	5	ft.	B. & B.....	3.00	2.70
5	to	6	ft.	B. & B.....	4.00	3.60
6	to	8	ft.	B. & B.....	6.00	5.40

—*burki*. 12'-15'**Burk's Cedar**

Forms a well shaped dense column of silvery gray until frost, then becomes overlaid with a flush of purple.

3	to	4	ft.	B. & B.....	3.25	3.00
4	to	5	ft.	B. & B.....	4.50	4.00
5	to	6	ft.	B. & B.....	6.00	
6	to	7	ft.	B. & B.....	9.00	
7	to	8	ft.	B. & B.....	12.00	
8	to	10	ft.	B. & B.....	15.00	13.50
10	to	12	ft.	B. & B.....	18.00	

—*cannarti*. 20'-25'**Cannart Cedar**

Like a true aristocrat this handsome Cedar is unobtrusively dignified and dislikes any fussy trimming that would interfere with its natural character. Columnar in outline, the surface is broken by short lateral branches making black shadow spots on a very deep green mantle of foliage. In autumn when the crop of steely blue berries are in evidence, it is almost gay enough to be saved for Christmas decoration.

2	to	2½	ft.	B. & B.....	2.00	1.80	1.65
2½	to	3	ft.	B. & B.....	2.50	2.25	2.00
3	to	4	ft.	B. & B.....	3.25	3.00	2.70
4	to	5	ft.	B. & B.....	4.50	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40	5.00
6	to	7	ft.	B. & B.....	9.00	8.00	7.20
7	to	8	ft.	B. & B.....	12.00	11.00	
8	to	10	ft.	B. & B.....	15.00	13.50	

—*elegantissima*. 15'-18'**Goldtip Redcedar**

Named from the bright yellow branchlets, turning bronzy in winter, really a warm color that doesn't look "dead."

4	to	5	ft.	B. & B.....	4.50	4.00
5	to	6	ft.	B. & B.....	6.00	

—*fastigiata*. 15'-20'**Upright Redcedar**

Strives to grow as erect as possible so that the whole specimen is a close compact pillar of deep green rather like the Italian Cypress—no pruning needed.

3	to	4	ft.	B. & B.....	5.00	4.50
4	to	5	ft.	B. & B.....	6.00	5.40

—*glaucia*. 20'-25'**Silver Redcedar**

One might call this the blue counterpart of the Cannart Cedar. The whole irregular column is richly clad in a blue-gray mantle effective among other evergreens.

2	to	2½	ft.	B. & B.....	1.80	1.65	1.50
2½	to	3	ft.	B. & B.....	2.25	2.00	1.80
3	to	4	ft.	B. & B.....	3.00	2.70	2.40
4	to	5	ft.	B. & B.....	4.50	4.00	3.60
5	to	6	ft.	B. & B.....	6.00	5.40	
6	to	7	ft.	B. & B.....	9.00	8.00	
7	to	8	ft.	B. & B.....	12.00		
8	to	10	ft.	B. & B.....	15.00		

JUNIPERUS virginiana—Continued

Each Ten Hundred

— globosa. 4'-5'**Globe Cedar**

Needs no trimming to keep it dwarf and compact. Some interesting shapes are assumed, as the plants mature.

15 to 18 in.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.00	4.50	4.00
3 to 4 ft.	B. & B.....	10.00	9.00	

— keteleeri. 18'-20'**Keteleer Cedar**

Handsome dark green leaves set off large silvery blue berries which are unusually decorative in winter. Develops into a pyramid that is compact right to its broad base.

2½ to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	4.00	3.60	3.30
5 to 6 ft.	B. & B.....	5.00	4.50	4.00
6 to 7 ft.	B. & B.....	6.50	6.00	5.40
7 to 8 ft.	B. & B.....	8.00	7.20	6.75
8 to 10 ft.	B. & B.....	10.00	9.00	8.00

— pyramidalis. 25'**Pyramidal Redcedar**

A dense narrow spire of green without any trimming.

1½ to 2 ft.	B. & B.....	1.50	1.35	1.20
2 to 2½ ft.	B. & B.....	2.25	2.00	1.80
2½ to 3 ft.	B. & B.....	3.00	2.70	2.40
3 to 4 ft.	B. & B.....	4.50	4.00	

— schottii. 20'-25'**Schott Redcedar**

More formal and lighter green than Cannart's Cedar and with occasional trimming makes a handsome column.

2 to 2½ ft.	B. & B.....	2.00	1.80	1.65
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	4.50	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40	
6 to 7 ft.	B. & B.....	9.00	8.00	
7 to 8 ft.	B. & B.....	12.00	11.00	
8 to 10 ft.	B. & B.....	15.00		

— smithi. 6'-8'**Smith Juniper**

Is quite unusual in habit and color; really an open but well furnished bush richly clad in a mantle of light grass-green foliage that remains fresh and bright all year.

1½ to 2 ft.	B. & B.....	2.00	1.80	1.65
2 to 2½ ft.	B. & B.....	2.50	2.25	2.00
2½ to 3 ft.	B. & B.....	3.25	3.00	2.70
4 to 5 ft.	B. & B.....	5.00		



— K —

KALMIA***angustifolia. 3'-4'***

Each Ten Hundred

Sheep Laurel

EVERGREEN. Quite distinct from its more popular brother by reason of the small gray-green foliage and bunches of small pretty pink flowers. Does well in open sun.

2 to 2½ ft.	B. & B.....	3.50	3.00
2½ to 3 ft.	B. & B.....	4.50	4.00

latifolia. 6'-8'**Mountain Laurel**

EVERGREEN. Doubtless the most valuable and beautiful of our broadleaf evergreens. In July nothing can approach the glorious effect created by a mass of laurel with its great wealth of pink flowers. Even in zero weather the clean foliage retains its vigor and deep green color. While most adaptable to sun or shade the ideal location is slight shade.

12 to 15 in.	B. & B.....	1.50	1.35	1.20
15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	2.75	2.40	2.25
2 to 2½ ft.	B. & B.....	3.50	3.30	

KERRIA japonica fl. pl. 4'-5' Double Kerria or Globeflower

Green stems and rich golden flowers that in May resemble "button" chrysanthemums combine to make this a most popular "old fashioned" useful shrub. Nice for winter color.

1½ to 2 ft.	.....	.75
2 to 3 ft.	.....	.90

KOELREUTERIA paniculata. 25'-30'**Varnish Tree**

Most conspicuous when the large loose bunches of bright yellow flowers crown the trees in July. The compound foliage is pleasing and for dry city conditions is excellent.

3 to 4 ft.	.....	1.00	.90
4 to 5 ft.	.....	1.50	1.35
5 to 6 ft.	.....	2.25	2.00
6 to 8 ft.	.....	3.25	
8 to 10 ft.	.....	4.50	

KOLKWITZIA amabilis. 6'-9'**Beauty Bush**

During late spring the common name is well deserved for the graceful slender branches are transformed to ropes of gay little pink bells. Improves with age, so don't expect many flowers on young shrubs. Very neat habit.

1½ to 2 ft.	.....	.75	.70	.60
2 to 3 ft.	.....	1.00	.90	



— L —

LABURNUM**vulgare. 20'-25'**

Each Ten Hundred

Golden Chain

Golden yellow flowers hang from the green branches resembling a yellow wisteria. Plant in a sheltered spot.

4 to 5 ft.	.....	1.80	1.65
5 to 6 ft.	.....	2.25	2.00
6 to 7 ft.	.....	3.30	3.00

LAUROCERASUS schipkaensis. 6'-8'**Cherry Laurel**

EVERGREEN. Rarely seen, this handsome shrub should prove useful for bold effects with its five inch lustrous green leaves. A rather sheltered semi-shady spot is best.

1 to 1½ ft.	B. & B.	1.50	1.35	1.20
1½ to 2 ft.	B. & B.	2.00	1.80	1.65
2 to 3 ft.	B. & B.	2.50	2.25	2.00

LEIOPHYLLUM buxifolium. 1'-2'**Box Sand Myrtle**

EVERGREEN. Particularly attractive and cheerful in June when small pinkish flowers bezewel the branches. Although naturally irregular the cultivated specimens are generally well shaped little cushions with small leaves.

12 to 15 in. spread,	B. & B.	2.25
15 to 18 in. spread,	B. & B.	3.00
1½ to 2 ft. spread,	B. & B.	4.00
2 to 2½ ft. spread,	B. & B.	5.25

LESPEDEZA formosa. 6'-7'**Purple Bush Clover**

Reddish purple flowers just hide the clover-like leaves in July and August. Although the slender arching branches may freeze back, it quickly makes a graceful shrub.

3 to 4 ft.60
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LEUCOTHOE axillaris. 2'-3'**Lesser Leucothoe**

EVERGREEN. Although not so handsome as its dashing brother, really neater and more useful for the small border. The shiny three inch leaves are set more closely together on the arching shoots which form a broad well filled clump. Flower spikes are shorter and fewer than in "catesbaei" and the winter coloring is not so beautiful.

12 to 15 in.	B. & B.	1.50	1.35
15 to 18 in.	B. & B.	2.25	2.00
2½ to 3 ft. specimens	B. & B.	5.00	

catesbaei. 4'-5'**Drooping Leucothoe**

EVERGREEN. What a glorious welcome sight the rich purple foliage makes in winter, and even in summer the thick shiny green five inch leaves, so regularly arranged on the arching branches are striking. Then in May, graceful sprays of fragrant white flowers hang from the branches, giving the effect of a flowering fern. Handsome as Christmas decorations. Useful for shady ground cover work. Moist acid soil is ideal.

1 to 1½ ft.	B. & B.	1.00	.90	.80
1½ to 2 ft.	B. & B.	1.50	1.35	1.20
2 to 2½ ft.	B. & B.	2.25	2.00	1.80
2½ to 3 ft.	B. & B.	3.50	3.00	2.70
Specimen clumps	B. & B.	6.00		

LIGUSTRUM amurense. 10'-12'**Amur Privet**

HALF EVERGREEN. Admittedly a splendid hedge plant, but don't overlook it as a specimen shrub where the graceful lines of the spreading branches are notable.

1½ to 2 ft.	.....	.12	.10	.08
2 to 3 ft.	.....	.20	.18	.15
3 to 4 ft.	.....	.30	.25	.20

LIGUSTRUM—Continued

Each Ten Hundred

ibota regelianum. 4'-6'**True Spreading Regel Privet**

HALF EVERGREEN. Either as a hedge plant or for the shrubbery border this is a good subject with low branches.

1½ to 2 ft.	.60	.54	.50
2 to 2½ ft.	.75	.65	.60

ovalifolium. 10'-15'**California Privet**

HALF EVERGREEN. In addition to being "the hedge plant supreme" this shrub is splendid for mass planting. Bushy plants.

Ten H'dr'd Th's'nd

1½ to 2 ft.	.10	.07	.05
2 to 3 ft.	.15	.10	.07
3 to 4 ft.	.20	.12	.09
4 to 5 ft.	.50	.45	
5 to 6 ft.	.60	.55	
6 to 7 ft.	.90	.80	

LIQUIDAMBAR styraciflora. 100'**Sweet Gum**

The swampy places where this pyramidal tree grows are transformed into beauty spots in early autumn by the blazing scarlet coloring of the star shaped leaves. Even the bare corky barked branches are interesting.

6 to 8 ft.	4.00	3.60
8 to 10 ft., 1½ to 2 in....	6.00	5.40
10 to 12 ft., 2 to 2½ in....	8.00	7.20
12 to 14 ft., 2½ to 3 in....	10.00	
12 to 14 ft., 3 to 3½ in....	13.50	

LIRIODENDRON tulipifera. 150'**Tulip Tree**

Greenish yellow tulip-like flowers top the branchlets in June, and the unique "cut-off" shape of the leaves is remarkable. A magnificent tree with clean straight trunk.

8 to 10 ft., 1¼ to 1½ in....	3.75	3.30
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LITHOSPERMUM**prostratum, Heavenly Blue. 4-6"****Gromwell**

EVERGREEN. Wiry tortuous trailing stems slowly form irregular mats of deep green in which are studded the bluest of blue flowers from May to August. Acid soil, half shade.

3" Pots, 4 to 6 in.	.75	.60	.45
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LONICERA fragrantissima. 6'-8'**Winter Honeysuckle**

HALF EVERGREEN. So called because of persistent foliage and the early appearance of the deliciously fragrant flowers on bare branches in March. Red berries in summer.

1½ to 2 ft.	.40	.35	.30
2 to 3 ft.	.50	.45	.40
3 to 4 ft.	.60	.55	.50
4 to 5 ft.	.75	.65	

heckrottii. 15'-20' Vine.**Everblooming Honeysuckle**

A twining vine-like shrub which in July until September is bedecked with attractive tubular flowers of purplish-rose outside and old gold within. Floriferous and handsome.

2 year	.75	.65	.60
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henryi. 15'-20'**Henry Honeysuckle**

HALF EVERGREEN. Has narrow two inch rich green leaves, reddish flowers and black fruits. Attractive vine.

2 year	.75	.65
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Alpines and rock plants are listed alphabetically in the perennial chart—a really notable collection.

LONICERA—Continued

Each Ten Hundred

japonica halliana. 20'-25' Vine. Hall's Japan Honeysuckle

HALF EVERGREEN. Wherever planted this old favorite takes possession with its tropical luxuriant growth, whether as ground cover, trellis vine or bank planting, but the sweetly fragrant creamy flowers are best on a support.

2 year20	.18	.15
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korolkowi floribunda. 8'-10' Broad Blueleaf Honeysuckle

Forms a large intricately branched mound of blue-gray foliage bespangled in early summer with cherry pink bells which give place to an abundance of glittering red berries.

1 to 1½ ft. ....	.40	.35	.30
1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.65	.60	

maacki podocarpa. 10'-12'**Late Honeysuckle**

Rather straggling, but a vigorous habit. Brilliant red fruits.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	
3 to 4 ft. ....	.65	.60	
4 to 5 ft. ....	.80	.70	
5 to 6 ft.	1.00	.90	

minutiflora. 8'-10'**Bunchberry Honeysuckle**

When in full fruit the orange berries transform this into a lovely shrub. Unfortunately little known. One of the best.

2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.60	.55	.50
4 to 5 ft. ....	.75	.65	

morrowi. 7'-8'**Morrow Honeysuckle**

Distinct useful shrub of wide spreading habit handsome in June when the creamy flowers expand, and again when the bright red berries ripen. Clean gray-green foliage, vigorous.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40

notha. 8'-10'**Rutarian Honeysuckle**

Vigorous upright growing shrub useful mainly for the bright red berries in July. Pinkish flowers change to yellow.

1½ to 2 ft. ....	.50	.45	.40
2 to 3 ft. ....	.60	.55	.50
3 to 4 ft. ....	.75	.65	

periclymenum belgica. 15'-20'**Dutch Woodbine**

Good healthy looking glossy foliage clothes the long vines, making excellent foil for the fragrant cream-purple flowers.

2 year .....	.60	.55	
3 year .....	.75	.65	

sachalinensis. 8'-10'**Sakhalin Honeysuckle**

Rather handsome foliage which is reddish when unfolding. The attractive dark purple flowers and bright red berries make this a useful shrub.

2 to 3 ft. ....	.75	.65	
3 to 4 ft. ....	.90	.80	

syringantha wolfi. 4'-5'**Wolf Honeysuckle**

Short twiggy branches, some prostrate, are densely covered with small dusty green leaves, brightened up by fragrant rosy-lilac flowers and then by numerous red fruits.

2 to 3 ft. ....	.80	.70	
3 to 4 ft.	1.00	.90	

LONICERA—Continued

Each Ten Hundred

tatarica lutea. 8'-10'**Yellow Fruited Honeysuckle**

One of the few good yellow fruiting shrubs. Vigorous and easily grown. Pruning forms a shapely specimen.

1½ to 2 ft.	.50	.45	.40
2 to 3 ft.	.60	.55	.50
3 to 4 ft.	.75	.65	.60
4 to 5 ft.	.90	.80	.70

— rosea. 8'-10'**Tatarian Honeysuckle**

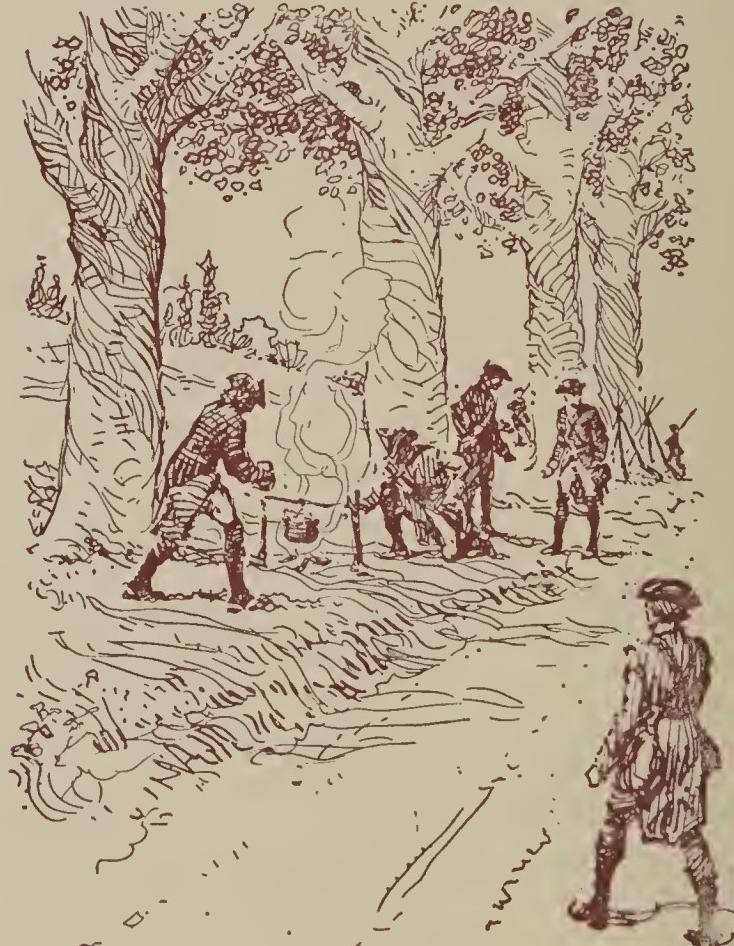
Most adaptable old favorite. This best form has pink flowers in early June followed by a crop of scarlet fruits.

1½ to 2 ft.	.35	.30
2 to 3 ft.	.45	.40
3 to 4 ft.	.60	.50

thibetica. 3'-4'**Tibetan Honeysuckle**

For dry rocky slopes this is not only a useful but a handsome spreading shrub; pale purple flowers are followed by red berries. Leaves smooth green above, hairy white underneath.

1 to 1½ ft.	.80	.75	.70
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I like a man who likes a tree
And want no better company,
For such a man, I always find,
Is just the very sort and kind
Who's not content unless it be
He, too, can grow much like a tree.

For trees, you know, are friends indeed,
They satisfy such human need,
In summer shade, in winter fire,
With flower and fruit meet all desire,
And if a friend to man you'd be,
You must befriend him like a tree.

Charles A. Heath.

— M —

MAGNOLIA

Each Ten Hundred

acuminata cordata. 15'-20'**Yellow Cucumber Tree**

The only yellow flowering Magnolia; also distinct by reason of its heart shaped leaves. Thrives best in a protected spot. Look up the romantic history of this tree.

4 to 5 ft.	B. & B.....	6.00	5.40
5 to 6 ft.	B. & B.....	7.50	7.00
6 to 8 ft.	B. & B.....	10.00	9.00
8 to 10 ft.	B. & B.....	13.50	12.00

amabilis. 20'-30'**Lovely Magnolia**

A hybrid of the Yulan Magnolia with similar white flowers with a chocolate colored centre.

2 to 3 ft.	B. & B.....	3.75
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conspicua. 30'-35'**Yulan Magnolia**

Has a certain dignified beauty that marks the tree as an aristocrat. Sweetly scented six inch white flowers are proudly held up by bare branches in April. Good foliage.

3 to 4 ft.	B. & B.....	5.00	4.50
4 to 5 ft.	B. & B.....	6.75	6.00
5 to 6 ft.	B. & B.....	8.50	7.50
6 to 8 ft.	B. & B.....	10.00	

glauca. 15'-20'**Sweet Bay**

HALF EVERGREEN. Although rather sparingly produced during May and June, the creamy white three inch flowers are so fragrant as to permeate the air for a good distance around with a delicious gardenia-like scent. Naturally rather loose the shrub can be improved by judiciously pruning while young. Handsome lustrous leaves, mealy white underneath and red seed pods.

2 to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.75	2.40	2.25
4 to 5 ft.	B. & B.....	3.75	3.30	3.00
5 to 6 ft.	B. & B.....	5.25	4.80	4.20
6 to 8 ft.	B. & B.....	7.50	6.75	

kobus. 30'-35'**Kobus Magnolia**

The hardy form we have "borealis" is a symmetrical fast growing tree that must acquire age before blooming freely but the semi-double starry white flowers are beautiful.

4 to 5 ft.	B. & B.....	3.75	3.30
5 to 6 ft.	B. & B.....	5.25	4.80
6 to 8 ft.	B. & B.....	7.50	6.75
8 to 10 ft.	B. & B.....	10.00	9.00

liliflora nigra. 15'-18'**Purple Lily Magnolia**

Darkest of all is this rapid growing shrub with its long brownish purple flowers continually opening until late spring. The shiny leaves are distinct and even small plants bloom freely.

2 to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	5.00	4.50	4.00
5 to 6 ft.	B. & B.....	7.50	6.75	
6 to 8 ft.	B. & B.....	9.00		

MAGNOLIA—Continued

Each Ten Hundred

parviflora. 10'-12'**Oyama Magnolia**

What a pity this charming shrub is not widely used. The lovely white cup shape flowers have a rosette of deep crimson stamens in the centre and their delicious fragrance is noticeable all summer as the occasional blooms expand. Give plenty of room for its full development.

2 to 3 ft.	B. & B.....	3.75	3.30
3 to 4 ft.	B. & B.....	5.25	4.80
4 to 5 ft.	B. & B.....	7.50	6.75
5 to 6 ft.	B. & B.....	10.00	9.00

reflorescens.**Magnolia**

Originally received from the Rochester Collection—similar to the Saucer type but has no outstanding character yet.

1½ to 2 ft.	B. & B.....	3.00
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soulangeana. 18'-20'**Saucer Magnolia**

Here is the spectacular member of this glorious family. Every branch plays its part in effectively covering the whole shrub with great purplish pink cups in early spring. In small plants the white innerside of the flowers give a bicolor effect. When trained in one stem as a tree the large bold foliage is effective, especially in an avenue.

2 to 3 ft.	B. & B.....	2.25	2.00
3 to 4 ft.	B. & B.....	3.00	2.70
4 to 5 ft.	B. & B.....	4.50	4.00
5 to 6 ft.	B. & B.....	6.00	5.40
6 to 7 ft.	B. & B.....	8.00	7.20
7 to 8 ft.	B. & B.....	10.00	9.00
8 to 10 ft.	B. & B.....	13.50	12.00
10 ft. specimens	B. & B.....	24.00	11.00

— **tree form.** Trained on single stems as shade trees.
4 to 8 ft. B. & B..... Same price as above.

— alexandrina. 18'-20'**Alexander Magnolia**

Quite similar in general appearance to the Saucer Magnolia but the rose colored flowers appear a little earlier.

2 to 3 ft.	B. & B.....	3.00
3 to 4 ft.	B. & B.....	4.50
4 to 5 ft.	B. & B.....	6.00
5 to 6 ft.	B. & B.....	8.00
6 to 8 ft.	B. & B.....	10.00
8 to 10 ft.	B. & B.....	15.00

— lennei. 15'-18'**Lenne Magnolia**

A handsome fellow satisfied with fewer flowers, but each one a perfect rosy-purple pear shaped cup, firmly held erect, the broad thick petals are surprisingly white on the inside and flowering late are rarely damaged by frost. Even the big leathery leaves alone make this unique.

2 to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	4.50	4.00
4 to 5 ft.	B. & B.....	6.00	5.40
5 to 6 ft.	B. & B.....	8.00	7.20
6 to 8 ft.	B. & B.....	10.00	9.00

— norbertiana. 15'-18'**Norbert Magnolia**

Differs from the mother plant in having slightly smaller upright flowers giving a more formal "staccato" effect.

3 to 4 ft.	B. & B.....	4.50	4.00
4 to 5 ft.	B. & B.....	6.00	5.40
5 to 6 ft.	B. & B.....	8.00	7.20
6 to 7 ft.	B. & B.....	10.00	9.00
7 to 8 ft.	B. & B.....	12.75	11.00
8 to 10 ft.	B. & B.....	15.00	13.50

MAGNOLIA *soulangeana*--Continued Each Ten Hundred

— *rustica*. 15'-18' Purple Saucer Magnolia

Typical flowers—rosy red on the outside. Vigorous
 3 to 4 ft. B. & B..... 4.50 4.00
 4 to 5 ft. B. & B. 6.00 5.40

speciosa *alba*. 12'-15' Showy White Magnolia

Except for a purple stained stripe on the outside the numerous flowers are white. Grows vigorously but neatly.

4	to	5	ft.	B. & B.....	6.00
5	to	6	ft.	B. & B.....	8.00
6	to	7	ft.	B. & B.....	10.00
7	to	8	ft.	B. & B.....	12.75
8	to	10	ft.	B. & B.....	15.00

stellata. 10'-12' Star Magnolia

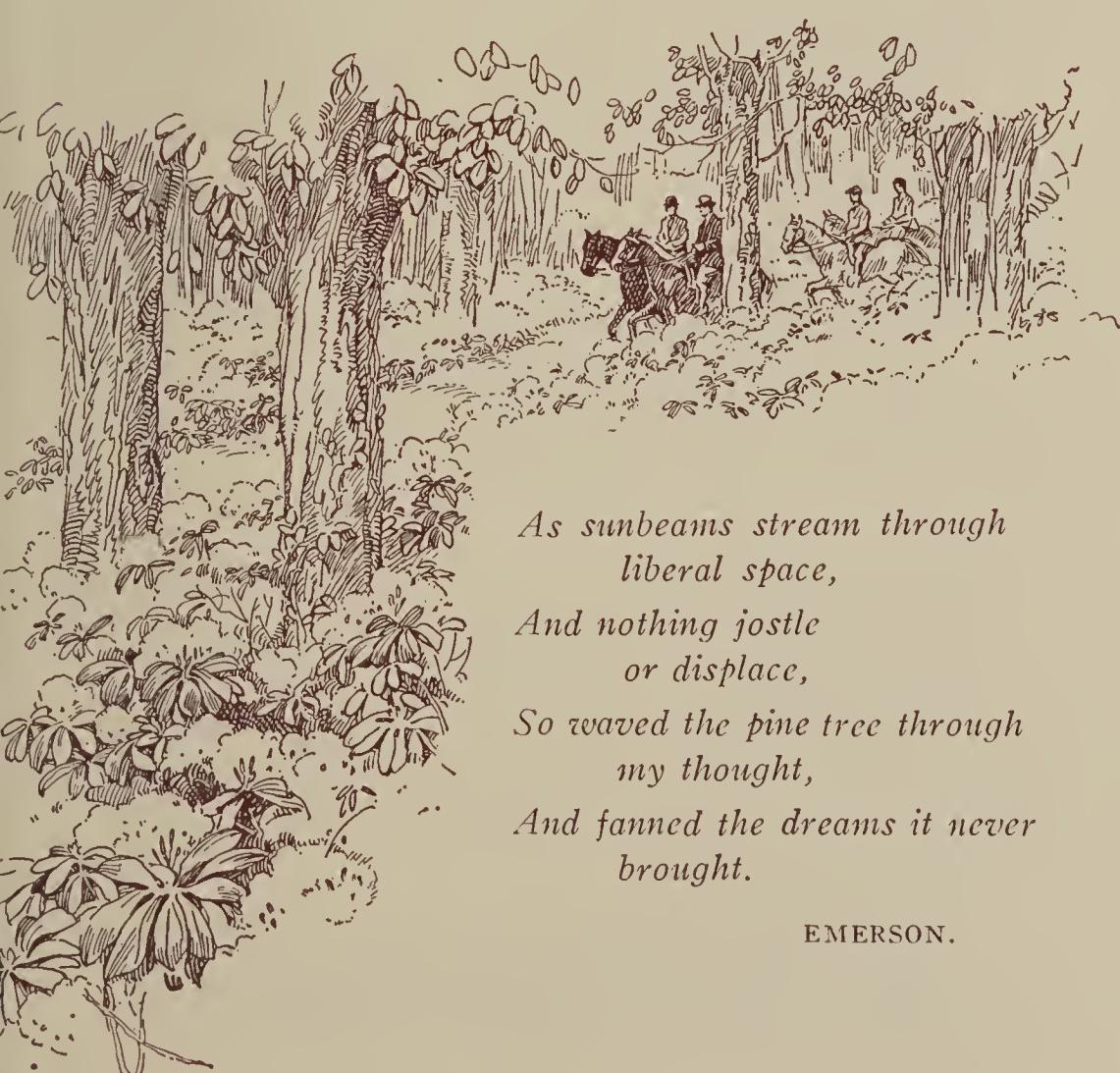
Appropriately named for dazzling white semi-double flowers which on bare twiggy branches herald the parade of its larger brothers. Occasionally a flush of tender pink will emphasize the purity of the narrow wavy petals. Delightfully fragrant. Naturally forms a handsome bush.

1½ to 2 ft.	B. & B.....	2.50	2.25	
2 to 2½ ft.	B. & B.....	3.50	3.00	2.70
2½ to 3 ft.	B. & B.....	4.50	4.00	3.60
3 to 4 ft.	B. & B.....	6.75	6.00	5.40
4 to 5 ft.	B. & B.....	10.00	9.00	8.00
5 to 6 ft.	B. & B.....	13.50	12.00	
6 ft. specimens	B. & B.....	18.00		

MAHONIA aquifolium. 3'-4' Oregon Holly Grape

EVERGREEN. Thin wavy holly-like leaves vary in color from deep green to rich purple-red, especially noteworthy in winter. When happily placed not too exposed, will perfect pretty yellow flowers followed by little grape-like bunches of black fruits. A rather loose, many stemmed bush for half shade.

12	to	15	in.	B. & B.....	.90	.80	.70
15	to	18	in.	B. & B.....	1.20	1.10	1.00
1½	to	2	ft.	B. & B.....	1.80	1.65	1.50
2	to	2½	ft.	B. & B.....	2.50	2.25	



*As sunbeams stream through
liberal space,
And nothing jostle
or displace,
So waved the pine tree through
my thought,
And fanned the dreams it never
brought.*

EMERSON.

MALUS**arnoldiana. 12'-15'**

Enthusiasm is difficult to restrain when crabapples are in bloom. The dainty pastel shading of the airy flowers, the brilliant coloring of the fruits, the intricate branching habits, all serve to set them apart as worthy of a place in almost every planting. Arnold's Crab has semi-double flowers deep pink in bud expanding to almost white. The waxy yellow little apples are most decorative before the birds find them.

4 to 5 ft.	1.75	1.50
5 to 6 ft.	2.50	2.25
6 to 8 ft.	3.50	3.30

atrosanguinea. 12'-15'**Carmine Crab**

Dark pink shading to deep purplish crimson flowers just envelop the whole structure of branches in May. Shapely.

3 to 4 ft.	1.35	1.20
4 to 5 ft.	1.75	1.50
5 to 6 ft.	2.50	2.25
6 to 8 ft.	3.50	3.30

coronaria. 15'-18'**Wild Sweet Crab**

The fragrance of the blush pink apple blossoms just penetrate the air in spring; each tree is individual.

4 to 5 ft.	2.50
5 to 6 ft.	3.50
6 to 7 ft.	5.00

floribunda. 12'-15'**Japanese Flowering Crab**

Bright pink buds and white open flowers make a pleasing contrast. The yellow fruits about pea size will turn red if the birds are not too voracious. Truly a handsome thing.

3 to 4 ft.	1.35	1.20
4 to 5 ft.	1.75	1.50
5 to 6 ft.	2.50	2.25
6 to 8 ft.	3.50	3.30
8 to 10 ft. B. & B.	7.50 to 15.00	each

— brevipes. 6'-8'**Dwarf Flowering Crab**

Very neat in growth forming a round headed dense bush aglow with red berries in fall. Splendid for a limited space.

2 to 3 ft.	1.25
3 to 4 ft.	1.80

halliana parkmanni. 12'-15'**Parkman Crab**

Irregular crooked branches help to make this a picturesque winter picture and serve excellently to display the semi-double bright rose flowers nodding on long thin stems.

3 to 4 ft.	1.75
4 to 5 ft.	2.50
5 to 6 ft.	3.50
6 to 8 ft.	5.00

ioensis plena. 15'-18'**Bechtel Crab**

Each fragrant flower resembles a little pink rose prettily dangling on a two inch stalk. Quickly develops into a formal compact little tree and is the last crab to flower.

3 to 4 ft.	1.75
4 to 5 ft.	2.50
5 to 6 ft.	3.50

micromalus. 10'-12'**Midget Crab**

Lovely indeed when the little rosy buds are expanding to pale pink flowers early in May and again when little yellow pearls bezewel the whole pyramidal bush.

4 to 5 ft.	4.50
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MALUS—Continued

Each Ten Hundred

niedzwetzkyana. 12'-15'**Redvein Crab**

Leaves, flowers, fruit, bark and even the wood of this form are reddish purple. Improves with age. Vigorous.

4 to 5 ft.	.....	1.75	
5 to 6 ft.	.....	2.50	2.25
6 to 8 ft.	.....	3.50	3.30
8 to 10 ft.	B. & B.....	7.50 to 15.00	each

prunifolia. 15'-18'**Pear Leaf Crab**

Handsome red or yellow apples about an inch across dangle from the strong branches and persist way into the winter. Large white flowers are so numerous as to resemble snow. One of the most spectacular fruiting trees.

4 to 5 ft.	.....	1.75	1.50
5 to 6 ft.	.....	2.50	2.25
6 to 8 ft.	.....	3.50	3.30

sargentii. 8'-9'**Sargent Crab**

An interesting shrubby habit makes this a most useful shrub for the smaller place. Hard to decide whether it is most attractive when blanketed with sparkling white flowers or when the myriad glittering red berry like fruits are strung along the spreading branches defying zero weather.

4 to 5 ft.	3.50
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scheideckeri. 12'-15'**Scheidecker Crab**

Has large semi-double pure pink flowers of lasting quality followed by a profusion of waxy yellow fruits over a half inch in diameter. Somewhat formal and upright in habit.

3 to 4 ft.	.....	1.35	1.20
4 to 5 ft.	.....	1.75	1.50
5 to 6 ft.	.....	2.50	2.25
6 to 8 ft.	.....	3.50	

sieboldii. 12'-15'**Toringo Crab**

In the bud deep rose is predominant but the open flowers fade to white. Large yellow or reddish apples in autumn.

3 to 4 ft.	.....	1.35	1.20
4 to 5 ft.	.....	1.75	1.50
5 to 6 ft.	.....	2.50	2.25
6 to 8 ft.	.....	3.50	
8 to 10 ft.	B. & B.....	7.50 to 15.00	each

— calocarpa. 12'-15'**Thick Fruited Crab**

Particularly handsome while the cherry like fruits abundantly decorate the branches. The bloomy covering at first hides the brilliant scarlet coloring of these little apples but they persist until midwinter. The spring display of large pink and white flowers seems to become more beautiful each year.

3 to 4 ft.	.....	1.35	
4 to 5 ft.	.....	1.75	
5 to 6 ft.	.....	2.50	
6 to 8 ft.	.....	3.50	

spectabilis. 12'-15'**Chinese Flowering Crab**

Fragrant semi-double delicate pink flowers distinguish this beautiful upright form which for flower effect alone easily ranks among the best. Small yellow fruits are not showy.

3 to 4 ft.	.....	1.35	1.20
4 to 5 ft.	.....	1.75	1.50
5 to 6 ft.	.....	2.50	2.25
6 to 8 ft.	.....	3.50	3.30
8 to 10 ft.	B. & B.....	7.50 to 15.00	each

MALUS—Continued

Each Ten Hundred

theifera. 15'-18'**Tea Crab**

Even for a crab apple this is amazingly floriferous for the whole stiffly branching structure is buried under a heavy cloud of red buds and blush white flowers. The formal outline and floral effect resembles that of a cherry tree.

3 to 4 ft.	1.75
4 to 5 ft.	2.50
5 to 6 ft.	3.50
6 to 8 ft.	5.00
8 to 10 ft. B. & B.	7.50 to 15.00 each

toringoides. 18'-20'**Cutleaf Crab**

A cloud of white in spring but when in full fruit superlatives are inadequate for description. The yellow fruits larger than a pea flushed with bright red are borne in profusion.

4 to 5 ft.	2.50
5 to 6 ft.	3.50

MITCHELLA repens. 2"**Partridge Berry**

EVERGREEN. Round half inch white veined dark green leaves are formally arranged on the wiry little vines which hug the ground, an effective carpet in shady woods. Fragrant white flowers are followed by well known bright red berries. A gem for the rock garden and in terrariums.

3" Pots	.25	.20	.15
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MYRICA carolinensis. 5'-6'**Northern Bayberry**

Few things will grow in such poor dry soil as this bayberry. The gray wax berries crowded on stiff branches last just as well when cut and dried for inside decoration as they do outside. Quickly acquires a look of age. Aromatic foliage.

12 to 15 in.	.50	.45	.40
15 to 18 in.	.65	.60	.54
1½ to 2 ft.	.80	.70	.65
2 to 2½ ft.	1.00	.90	.80

— N —**NEILLIA sinensis.** 4'-5'**Neillia**

It is difficult to understand why this charming shrub is so little known. The bronzy miniature maple leaves are prettily disposed on the zigzag branches, each of which in June terminates in a dainty tassel like cluster of pink flowers. In color and general appearance these flowers resemble the Trailing Arbutus. Easily grown, neat and not a bit particular as to soil.

2 to 3 ft.	.90	.75
3 to 4 ft.	1.20	1.00
4 to 5 ft.	1.50	

NYSSA sylvatica. 60'-70'**Tupelo—Sour Gum**

Wavy, knotted interlacing branches give this native peculiar interest in winter but it is the brilliant scarlet autumn color that stands out. Moist location, spring planting best.

3 to 4 ft.	2.25	2.00
4 to 5 ft.	3.00	2.70
5 to 6 ft.	4.50	
6 to 8 ft.	5.25	

— O —

Each Ten Hundred
OXYDENDRUM arboreum. 30'-35' **Sorrel Tree—Sourwood**

Throughout the year a handsome tree with thick shiny leaves that turn vivid scarlet early in fall and remain colored until winter. The long erect bunches of white summer flowers are not to be overlooked and even the gray fruits are conspicuous. Indispensable in landscape work.

3 to 4 ft.	B. & B.....	1.75	1.50	1.35
4 to 5 ft.	B. & B.....	2.25	2.00	1.80
5 to 6 ft.	B. & B.....	3.25	3.00	2.70
6 to 8 ft.	B. & B.....	4.50	4.00	
8 to 10 ft.	B. & B.....	5.25		

— P —

PACHISTIMA canbyi. 6"-9 " **Canby Pachistima**

EVERGREEN. Somewhat resembles a miniature box bush. In an open moist place will gradually spread to make a pleasing glossy green mound. For rockwork or edging.

3 year60	.54
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myrsinites. 1½'-2' **Myrtle Pachistima**

EVERGREEN. The larger brother with leaves sometimes an inch long; and more of a bush.

3" Pots60
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PACHYSANDRA terminalis. 6"-9" **Japanese Spurge**

EVERGREEN. Probably the most notable of all ground covers preferring shade but succeeds even in dry soil. Strong plants. Ten H'dr'd Th's'nd

2¼" deep pots16	.12	.09
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PHELLODENDRON amurense. 40'-50' **Amur Cork Tree**

One of the few trees that will thrive in cities. Large compound leaves and thick corky branches give the appearance of a handsome black-walnut. Withstands drought.

4 to 6 ft.	1.75	1.50
6 to 8 ft.	2.25	

sachalinense. 30'-40' **Sakhalin Cork Tree**

Has dark brown rough bark and reddish branchlets. The aromatic compound leaves are somewhat smaller with fewer leaflets than in the Amur Cork Tree. Black berries with an odor of turpentine follow the loose clusters of greenish yellow flowers. Adaptable and interesting.

4 to 6 ft.	1.75	1.50
6 to 8 ft.	2.25	

PHILADELPHUS coronarius. 8'-10' **Mock Orange**

Vigorous and long lived this old fashioned "Sweet Syringa" is often found planted near the door or windows of farmhouses where the delicious fragrance of its white flowers could be enjoyed in May and June.

1½ to 2 ft. ....	.30	.27	.24
2 to 3 ft. ....	.40	.36	.33
3 to 4 ft. ....	.50	.45	.40
4 to 5 ft. ....	.60	.54	

lemoinei. 4'-5' **Lemoine Mock Orange**

The sweet fragrance has been retained in this neat compact hybrid. Needs practically no pruning, but remains within bounds indefinitely, and blooms profusely.

1½ to 2 ft.40	.36
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PHILADELPHUS lemoinei—Continued Each Ten Hundred

— Mont Blanc. 4'-5' White Mountain Mock Orange

These hybrids are most useful small shrubs that succeed in spite of many adverse conditions. None are more cheerful and dazzling than this when its annual June show is given.

1½ to 2 ft.	.....	.40	.36	.33
2 to 3 ft.	.....	.50	.45	.40

virginalis. 7'-8'

Virginal Mock Orange

Few shrubs have caused a greater stir of admiration than this introduction. Each flower, mostly quite double, is almost two inches across and large clusters just weigh down each branch so as to create a "heavy snowfall." The sheer white blossoms just glisten in sun or moonlight and throughout the whole summer you can enjoy the delicious fragrance from the continually opening flowers.

1 ½ to 2 ft.	.30	.27	.24
2 to 3 ft.	.40	.36	.33
3 to 4 ft.	.60	.55	.50

PHOTINIA villosa. 12'-15'

Christmas Berry

Unsung and little known but particularly handsome in autumn when the bold leathery foliage turns almost as red as the bright berries thickly strung over the bush all winter.

2	to	3	ft.	.....	.60	.54	.50
3	to	4	ft.	.....	.80	.70	.65
4	to	5	ft.	.....	1.00	.90	
5	to	6	ft.	.....	1.35		
6	to	8	ft.	.....	2.00		

PHYSOCARPUS opulifolia nana. 4'-5'

Dwarf Ninebark

One of the good small shrubs that will add interest to the border with flat-topped bunches of creamy flowers in June.

2	to	3	ft.	.....	.50	.45	.40
3	to	4	ft.	.....	.60	.54	.50
4	to	5	ft.	.....	.80	.70	

PICEA asperata. 70'-80'

Rough Branch Spruce

ALL EVERGREEN. Somewhat similar to a refined Norway Spruce, but rather slow to become established. The needles are gray-green: on large trees the bark flakes off.

1½ to 2 ft.	B. & B.....	3.00	2.70
2 to 3 ft.	B. & B.....	4.00	3.60

bicolor. 75'-100'

Alcock Spruce

Eventually develops into a broad pyramidal tree but is rather slow at first. The four sided needles have two sides almost white and two very dark green.

1 to 1½ ft. B. & B..... 2.50

excelsa. 80'-100'

Norway Spruce

Generally regarded as more valuable for windbreaks and hedges than as a decorative tree, although while young the dark green symmetrical pyramid is most useful as a Christmas tree or tub specimen. Grows rapidly.

3	to	4	ft.	B. & B.....	2.75
4	to	5	ft.	B. & B.....	4.00
5	to	6	ft.	B. & B.....	6.00
6	to	8	ft.	B. & B.....	9.00
8	to	10	ft.	B. & B.....	12.00

— aurea. 30'-40'

Golden Spruce

The exposed side of the needles turns light yellow in spring deepening to bronze in autumn, otherwise similar to type.

2 to 3 ft. B. & B..... 3.00

<i>PICEA excelsa</i> —Continued		Each	Ten	Hundred
— <i>clanbrasiliiana</i>. 4'-5'			Barry Spruce	
Forms a broad billowy mass of light green. Extremely hardy and grows more quickly than most dwarf forms.				
15 to 18 in. spread, B. & B.....		3.50	3.30	
1½ to 2 ft. spread, B. & B.....		4.50	4.00	
2 to 2½ ft. spread, B. & B.....		6.75	6.00	
2½ to 3 ft. spread, B. & B.....		9.00	8.00	
3 to 4 ft. spread, B. & B.....		12.00	10.00	
— <i>conica</i>. 6'-8'		Arrowhead Norway Spruce		
Without any trimming forms a perfectly symmetrical dense cone, admirable for formal or "foundation" work.				
15 to 18 in. B. & B.....		1.80	1.65	1.50
1½ to 2 ft. B. & B.....		2.50	2.25	2.00
2 to 2½ ft. B. & B.....		3.25	3.00	
2½ to 3 ft. B. & B.....		4.50	4.00	
3 to 4 ft. B. & B.....		5.25	4.80	
4 to 5 ft. B. & B.....		6.75	6.00	
5 to 6 ft. B. & B.....		8.25	7.50	
— Dwarf forms.		Unnamed		
In this collection are some of the most interesting pygmy Spruces we have seen—just because they are not yet named need not detract from their usefulness and beauty. This is a rare opportunity to obtain some of these jewels.				
12 to 15 in. spread, B. & B.....		2.00	1.80	
15 to 18 in. spread, B. & B.....		3.00	2.50	
18 to 24 in. spread, B. & B.....		4.50	4.00	
24 to 30 in. spread, B. & B.....		6.00	5.00	
— <i>gregoryana</i>. 3'		Gregory Spruce		
Another variation in this family of dwarfs. This has a broad evenly rounded form and rather pale green needles.				
2 to 2½ ft. spread, B. & B.....		9.00		
2½ to 3 ft. spread, B. & B.....		12.00		
— <i>maxwellii</i>. 2'		Maxwell Spruce		
This, the true form, is doubtless the aristocrat of the dwarfs. It forms a broad dense cushion with thick stubby branches covered all around with thick pale green needle-pointed leaves. At maturity the specimen is broader than high with slight irregularities that add to its character.				
6 to 9 in. spread, B. & B.....		3.00	2.70	
9 to 12 in. spread, B. & B.....		4.00	3.60	
12 to 15 in. spread, B. & B.....		5.25		
— <i>microsperma</i>. 1½'-2'		Small cone Spruce		
Diminutive in all its parts and exceedingly slow in growth—just a little green hummock, crowded with tiny needles.				
12 to 15 in. spread, B. & B.....		4.00	3.60	
15 to 18 in. spread, B. & B.....		5.25		
— <i>pendula</i>. 20'-25'		Weeping Spruce		
Creates a curious sad effect with the inverted branches growing toward the ground. The grotesque lines look well among large boulders or in exotic gardens when old.				
1½ to 2 ft. B. & B.....		3.75		
2 to 3 ft. B. & B.....		5.25		
4 to 6 ft. B. & B.....		10.00		

A broad mat of the lovely blue Plumbago is a thrilling picture—and it is so easy to grow too.

PICEA excelsa—Continued

Each Ten Hundred

— procumbens. 2'**Prostrate Norway Spruce**

In youth this little fellow has the shape of a flat pumpkin but slowly covers a broader area slightly adding to its height, and all through its long life is neat, well defined and beautifully clothed with short rich green needles.

9 to 12 in. spread, B. & B.....	3.00	2.70	2.40
12 to 15 in. spread, B. & B.....	4.00	3.60	3.30
15 to 18 in. spread, B. & B.....	5.25	4.80	
2½ to 3 ft. spread, B. & B.....	12.75	11.40	

— pumila. 3'-4'**Dwarf Norway Spruce**

More globular than most, but very dense. Needs a little protection from winter sun but able to withstand zero.

9 to 12 in. spread, B. & B.....	3.00	2.70	2.40
12 to 15 in. spread, B. & B.....	4.00	3.60	
15 to 18 in. spread, B. & B.....	5.25	4.80	

— pyramidalis. 40'-50'**Pyramidal Norway Spruce**

All the branches ascend to form a narrow pyramid.

3 to 4 ft. B. & B.....	5.00
5 to 6 ft. B. & B.....	7.50
12 to 15 ft. B. & B.....	30.00

— reflexa. 70'-80'**Reflex Spruce**

When mature the branches droop and thus create a pleasing movement about the tree.

1 to 1½ ft. B. & B.....	2.00
1½ to 2 ft. B. & B.....	3.00

— repens. 1½'**Creeping Norway Spruce**

Wide spreading prostrate branches make a thick irregular blanket of interesting texture, quite at home among rocks.

6 to 9 in. spread, B. & B.....	2.25	2.00
9 to 12 in. spread, B. & B.....	3.00	2.70
12 to 15 in. spread, B. & B.....	4.00	3.60
15 to 18 in. spread, B. & B.....	5.25	4.80
1½ to 2 ft. spread, B. & B.....	6.75	6.00
2 to 2½ ft. spread, B. & B.....	9.00	5.40

glauca conica. 8'-10'**Dwarf Alberta Spruce**

A perfect miniature reproduction of a tall forest tree, having branches crowded into a compact narrow cone with a rugged old look about it. Very thin slaty green foliage makes an exceedingly fine texture. Best where slightly shaded. Grows slowly and is extremely hardy.

15 to 18 in. B. & B.....	2.00	1.80
1½ to 2 ft. B. & B.....	3.00	2.70
2 to 2½ ft. B. & B.....	4.00	3.60
2½ to 3 ft. B. & B.....	5.00	4.50
3 to 4 ft. B. & B.....	6.00	5.40

hunnewelliana.**Hunnewell Spruce**

A comparatively new hybrid that resembles a much glorified White Spruce. Each shoot is well clothed all around with a distinct blue gray foliage. Side branches ascend to form a neat narrow pyramid—we consider this a "find."

1 to 1½ ft. B. & B.....	3.00
9 to 10 ft. B. & B.....	36.00

Please feel free to consult with us on any planting problem you may have.

PICEA—Continued

Each Ten Hundred

koyamai. 40'-50'**Koyamai Spruce**

When young a broad-based cone, but lengthens into a narrow pyramid with husky looking branches. Scarce.

6 to 8 ft.	B. & B.....	15.00
8 to 10 ft.	B. & B.....	18.00

omorika. 60'-80'**Serbian Spruce**

We rate this as the King of Spruces, handsome from a foot high to its lofty maturity. On the under side the flat needles are lustrous green with white stripes above, giving a bicolor effect. Its narrow pyramidal outline is maintained and the severest climate does not influence its even growth.

15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	3.75	3.30	3.00
2 to 3 ft.	B. & B.....	5.25	4.80	4.50
3 to 4 ft.	B. & B.....	7.50	6.75	6.00
4 to 5 ft.	B. & B.....	10.00	9.00	8.00
5 to 6 ft.	B. & B.....	13.50	12.00	
8 to 10 ft.	B. & B.....	36.00		

orientalis. 60'-70'**Oriental Spruce**

Graceful widespreading branches sweep the ground merging into a central spire which rises with classic outline to pierce the sky. Glossy blackish green needles increase its sombre dignity—a picture of aristocratic beauty. Useful in small plantings owing to its slow growth and rich color.

15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	3.75	3.30	3.00
2 to 3 ft.	B. & B.....	5.25	4.80	4.50
3 to 4 ft.	B. & B.....	7.50	6.75	6.00
4 to 5 ft.	B. & B.....	10.00	9.00	8.00
5 to 6 ft.	B. & B.....	13.50		
9 to 10 ft.	B. & B.....	36.00		

polita. 60'-75'**Tigertail Spruce**

Is the most distinct of all Spruces by reason of the thick rigid spiny needles sparsely distributed around the stubby branches. An irregular interesting tree when older.

1½ to 2 ft.	B. & B.....	2.25	2.00
2 to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	4.50	

pungens. 70'-80'**Colorado Spruce**

A bold native Spruce with dull gray-green thick needles. Quite symmetrical and handsome when young, but becomes picturesque in old age when the lower branches disappear.

3 to 4 ft.	B. & B.....	3.75	3.30
4 to 5 ft.	B. & B.....	5.25	4.80
5 to 6 ft.	B. & B.....	7.00	6.30
6 to 7 ft.	B. & B.....	10.00	

— glauca. 70'-80'**Colorado Blue Spruce**

From the variable seedlings has been selected this intensely "blue" form, so popular even in very small sizes.

2½ to 3 ft.	B. & B.....	3.75	3.30
3 to 4 ft.	B. & B.....	4.50	4.00
4 to 5 ft.	B. & B.....	6.75	6.30
5 to 6 ft.	B. & B.....	10.00	9.00
6 to 7 ft.	B. & B.....	13.50	
7 to 8 ft.	B. & B.....	18.00	

PICEA pungens—Continued

Each Ten Hundred

— kosteri. 50'-60'**Koster Blue Spruce**

Probably the most widely known of all evergreens, due to the brilliant silvery blue foliage, which is kept uniform by grafting selected specimens. Spectacular as a lawn specimen and ideal for the color climax or contrast in groups.

1½ to 2 ft.	B. & B.....	4.00	3.60	3.30
2 to 2½ ft.	B. & B.....	5.00	4.50	4.00
2½ to 3 ft.	B. & B.....	6.50	6.00	5.40
3 to 4 ft.	B. & B.....	8.50	7.80	7.00
4 to 5 ft.	B. & B.....	12.00	11.00	10.00
5 to 6 ft.	B. & B.....	15.00	13.50	
6 to 7 ft.	B. & B.....	18.00	16.50	
7 to 8 ft.	B. & B.....	24.00	22.50	
8 to 10 ft.	B. & B.....	33.00	30.00	
10 to 12 ft.	B. & B.....	45.00		
12 to 14 ft.	B. & B.....	54.00	48.00	

PIERIS floribunda. 4'-5'**Mountain Andromeda**

EVERGREEN. Both for foliage and floral effect this hardy native is well nigh indispensable. Dark green leathery privet-like leaves remain untouched in zero weather and serve splendidly as background for the upright clusters of waxy white flowers in May. Acid soil, half shade.

12 to 15 in. spread, B. & B.....	1.50	1.35
15 to 18 in. spread, B. & B.....	2.25	2.00
1½ to 2 ft. spread, B. & B.....	3.00	2.70
2 to 2½ ft. spread, B. & B.....	4.00	3.60
2½ to 3 ft. spread, B. & B.....	6.00	5.40
3 to 3½ ft. spread, B. & B.....	10.00	

japonica. 6'-7'**Japanese Andromeda**

EVERGREEN. Almost the ideal shrub without a flaw. In early spring graceful pendants of waxy white urnshaped flowers are prettily interspersed among the lustrous deep green foliage. Then comes the tender green young growths beautifully winestained until the wavy leaves mature into their leathery texture defying both extreme heat and cold. In mid-winter the rugged character of the bush is emphasized by the young unopened flower buds.

12 to 15 in.	B. & B.....	1.50	1.35
15 to 18 in.	B. & B.....	2.25	2.00
1½ to 2 ft.	B. & B.....	3.00	2.70
2 to 2½ ft.	B. & B.....	4.00	3.60
2½ to 3 ft.	B. & B.....	6.00	5.40
3 to 4 ft.	B. & B.....	10.00	

PINUS cembra. 30'-40'**Swiss Stone Pine**

ALL EVERGREEN. Slow growing so it may be safely used in low plantings. Generally seen as a blunt compact pyramid clothed in soft textured coat of bluish-green needles, but eventually becomes a picturesque round topped tree.

1 to 1½ ft.	B. & B.....	3.00	2.70	2.40
1½ to 2 ft.	B. & B.....	4.50	4.00	
2 to 2½ ft.	B. & B.....	6.75		
2½ to 3 ft.	B. & B.....	10.00		
3 to 4 ft.	B. & B.....	12.75		
5 to 6 ft.	B. & B.....	18.00		

excelsa. 50'-60'**Himalaya Pine**

Worthy of a sheltered location where it will quickly attain majestic proportions. The wide spreading branches display the slender drooping six inch needles to great advantage.

3 to 4 ft.	B. & B.....	3.75
4 to 5 ft.	B. & B.....	5.00

PINUS—Continued

Each Ten Hundred

flexilis.* 30'-40'*Limber Pine**

Often called the "Blue" Pine because of its characteristic steel gray tufts of stiff needles, but these turn dark green when old. Even young cultivated specimens show impatience to assume their native picturesque habit.

3 to 4 ft.	B. & B.....	5.00	4.50
4 to 5 ft.	B. & B.....	6.00	5.40
5 to 6 ft.	B. & B.....	7.50	6.75
6 to 7 ft.	B. & B.....	9.00	
7 to 8 ft.	B. & B.....	12.00	
8 to 10 ft.	B. & B.....	15.00	

montana mughus.* 3'*Mugho Pine**

Most conspicuous in spring when the erect "candles" of new growth decorate the top of the low cushion-like bush.

12 to 15 in. spread, B. & B....	1.80	1.65
15 to 18 in. spread, B. & B....	2.25	2.00
1½ to 2 ft. spread, B. & B....	3.00	2.70
2 to 2½ ft. spread, B. & B....	3.75	3.30
2½ to 3 ft. spread, B. & B....	5.00	

nigra.* 50'-60'*Austrian Pine**

One of the most dignified of the family, with stiff dark green six inch needles covering the vigorous up curving branches tipped with silky white buds. Succeeds on poor land even down to the seashore. Handsome.

3 to 4 ft.	B. & B.....	3.50	3.00
5 to 6 ft.	B. & B.....	7.50	
6 to 7 ft.	B. & B.....	10.00	9.00
7 to 8 ft.	B. & B.....	13.50	12.75
8 to 10 ft.	B. & B.....	18.00	16.50
10 to 12 ft.	B. & B.....	27.00	24.00

resinosa.* 60'-70'*Red Pine**

For this section doubtless the best pine for reforestation as it succeeds on the poorest land and soon prevents erosion of a barren hillside. Vigorous in any well drained location, its dark green needles make a good background.

4 to 5 ft.	B. & B.....	5.25	4.80
5 to 6 ft.	B. & B.....	7.50	6.75
6 to 7 ft.	B. & B.....	10.00	9.00
7 to 8 ft.	B. & B.....	13.50	12.75
8 to 10 ft.	B. & B.....	18.00	16.50
10 to 12 ft.	B. & B.....	27.00	24.00
12 to 14 ft.	B. & B.....	33.00	



In the far North stands a
Pine tree, lone
Upon a wintry height;
It sleeps; around it snows
have thrown
A covering of white.

It dreams forever of a Palm
That, far i' the morning
land,
Stands silent in a most sad
calm
Midst of the burning sand.

HEINE.

PINUS—Continued

Each Ten Hundred

strobos.* 80'-100'*White Pine**

Truly a noble native, handsome in its formal youth and typically picturesque in its independent old age. Extremely hardy, most adaptable. Splendid soft textured hedges can be made by shearing annually in May or June.

3 to 4 ft.	B. & B.....	3.50	3.00
4 to 5 ft.	B. & B.....	5.25	4.80
5 to 6 ft.	B. & B.....	7.50	6.75
6 to 7 ft.	B. & B.....	10.00	9.00
7 to 8 ft.	B. & B.....	13.50	12.75
8 to 9 ft.	B. & B.....	18.00	16.50
10 to 12 ft.	B. & B.....	27.00	

fastigiata.* 35'-40'*Upright White Pine**

Stiffly ascending branches form a narrow tree, clothed with the same soft green mantle of needles as the parent.

3 to 4 ft.	B. & B.....	5.25	4.80
4 to 5 ft.	B. & B.....	6.75	6.00
5 to 6 ft.	B. & B.....	9.00	8.00
6 to 7 ft.	B. & B.....	12.00	11.00

nana.* 2½'-3'*Dwarf White Pine**

Notwithstanding the very compact habit this little fellow is a vigorous healthy bush. Foliage is similar to the type.

1½ to 2 ft. spread, B. & B....	6.00	5.40
2 to 2½ ft. spread, B. & B....	9.00	8.00

thunbergi.* 80'-100'*Japanese Black Pine**

Bold in all its parts—long rather stiff dark green needles—handsome wide spreading branches, free irregular growth and hardy even to bleak seaside exposure.

2 to 3 ft.	B. & B.....	2.25	2.00
3 to 4 ft.	B. & B.....	2.75	2.50

PLATANUS occidentalis. 100'**American Plane Tree**

Grows quite rapidly and develops into picturesque shapes. Usually seen with gnarled spotted white trunk hanging over the streams throughout the east.

10 to 12 ft., 1¼ to 1½ in.....	2.50
10 to 12 ft., 1½ to 1¾ in.....	3.00
12 to 14 ft., 1¾ to 2 in.....	4.50
14 to 16 ft., 2 to 2½ in.....	5.40

orientalis.* 70'-80'*European Plane Tree**

For general use a far superior tree with broad leaves that resist insects, dust and smoke. Notwithstanding rapid growth the "Sycamore" attains a fabulous age. The shapely head casts comfortable shade allowing grass to grow freely, so makes a splendid lawn tree, but whether at the seashore or on the city street it "carries on."

8 to 10 ft.	2.25	2.00	1.80
8 to 10 ft., 1¼ to 1½ in.	3.00	2.70	2.40
10 to 12 ft., 1½ to 1¾ in.	4.00	3.60	3.30
10 to 12 ft., 1¾ to 2 in.	5.00	4.50	
12 to 14 in., 2 to 2½ in.	6.75	6.00	

POLYGONUM auberti. Vine, 40'-50'**Chinese Fleece Vine**

Vigorous climber that grows amazingly fast. Will effectively cover or screen undesirable objects with a dense mantle of light green leaves, topped in July with an airy webbing of fleecy white flowers. Needs sunlight.

4" Pots60	.50
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POPULUS

Each Ten Hundred

nigra italica. 60'-80'**Lombardy Poplar**

Familiar as the exclamation point of landscape design, the graceful spires of restless light green leaves are most useful for grouping, screening and even narrow streets.

6 to 8 ft.	1.00	.90
8 to 10 ft.	1.35	1.20

POTENTILLA fruticosa. 3'-4'**Shrubby Cinquefoil**

Cheerful yellow single flowers bejewel the compact round bush all summer even during the hottest dryest season.

12 to 18 in.	.35	.30
1½ to 2 ft.	.45	.40
2 to 3 ft.	.60	.55

tridentata. 6"**Wineleaf Cinquefoil**

A tiny shrublet that manages to produce a cloud of white flowers in May and June but its crowning glory is the rich deep green coloring of the foliage, a regular mat.

3" Pots	.50	.40
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PRUNUS cerasifera pissardi. 10'-12'**Purple Leaf Plum**

Annual pruning of old wood will intensify the reddish purple coloring of the peach like leaves. Pink flowers.

3 to 5 ft.	1.00	.90
5 to 7 ft.	1.25	.

glandulosa. 4'-5'**Double Flowering Almond**

Every willowy branch becomes a fairy wand of pure pink in very early spring. A real domestic favorite.

1 to 1½ ft.	.60	.50	.40
1½ to 2 ft.	.70	.65	.60
2 to 3 ft.	.85	.75	.
3 to 4 ft.	1.00	.90	.

— alba. 4'-5'**White Almond**

Very double white flowers are the only point of difference.

1½ to 2 ft.	.60	.50
2 to 3 ft.	.75	.65

maritima. 8'-10'**Beach Plum**

Frail dainty white blossoms lightly sprinkled over the bush serve to accentuate the bare erratic stiff branches which never seem so happy as when in large drifts at their seashore home. Beach plum jelly? Yes, this is the plant.

12 to 18 in.	.35	.30	.27
1½ to 2 ft.	.45	.40	.36
2 to 3 ft.	.60		

serrulata Amanogawa. 20'-25'**Upright Cherry**

A distinct form with a Lombardy Poplar style of growth. Semi-double pink flowers gracefully hang in dense clusters.

3 to 4 ft.	1.50	1.35
4 to 5 ft.	2.00	1.80
5 to 6 ft.	3.00	2.70

— autumnalis. 25'-30'**Autumn Flowering Cherry**

The semi-double pink flowers rarely fail to spring their surprise of Cherry blossoms in fall as well as in April.

3 to 4 ft.	1.50
4 to 5 ft.	2.00
5 to 6 ft.	3.00

PRUNUS serrulata—Continued Each Ten Hundred**— Fugenzo (Kofugen) (James H. Veitch)** 30' Double Pink

One of the latest to bloom; the unusually large double pink flowers expand with the coppery young foliage, a nice harmony. Probably one of the most popular and reliable sorts.

4 to 5 ft.	.....	2.00
5 to 6 ft.	.....	3.00
6 to 8 ft.	B. & B.	6.00

— Gyoiko. 30'-40' Double Light Green

The green double flowers are more unique than pretty.

5 to 6 ft.	3.00
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— Kwanzan. 30' Double Pink

Large very double deep pink flowers, almost red in bud, and bronze young growth coupled with its rapid growth justify the highest rating to this good form. Well formed.

3 to 4 ft.	.....	1.50	1.35
4 to 5 ft.	.....	2.00	1.80
5 to 6 ft.	.....	3.00	2.70
6 to 8 ft.	B. & B.	6.00	5.40
8 to 10 ft.	B. & B.	12.00	

— Mount Fuji (Shirotae) 30' Double White

Undoubtedly the finest double white. Large and pure in color the flowers blanket the well formed tree like snow.

3 to 4 ft.	.....	1.50	1.35
4 to 5 ft.	.....	2.00	1.80
5 to 6 ft.	.....	3.00	2.70
6 to 8 ft.	B. & B.	6.00	

— Naden (Takasago). 30'-40' Siebold Cherry

Very showy when literally smothered in pale pink semi-double blossoms arranged in short stemmed clusters.

3 to 4 ft.	.....	1.50	1.35
4 to 5 ft.	.....	2.00	1.80
5 to 6 ft.	.....	3.00	2.70
6 to 8 ft.	B. & B.	6.00	

— sachalinensis. (sargentii). 30'-40' Yama Cherry

More vigorous and showy than the Mother tree, having large white to pink single flowers covering bare branches.

5 to 6 ft.	.....	3.00
6 to 8 ft.	B. & B.	6.00
8 to 10 ft.	B. & B.	12.00

— Shirofugen. 30' Double Blush Pink

Pink in bud, the very large double flowers become white, then gradually assume a blush as they mature. Vigorous.

5 to 6 ft.	.....	3.00
6 to 8 ft.	B. & B.	6.00
8 to 10 ft.	B. & B.	12.00

— Yoshino (Yedoensis). 40'-50' Single Blush Pink

Because of its conspicuous position around the Tidal Basin in Washington, D. C., this species is widely known, and also it is the "advance guard" of the gorgeous display during cherry blossom season. The single pink flowers become purple tinged before falling. Excellent shade tree.

5 to 6 ft.	3.00
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PRUNUS—Continued

Each Ten Hundred

subhirtella pendula*. 12'-15'*Weeping Japan Cherry**

Is it possible to adequately describe those gossamer pink fountains that come from fairyland each spring? And yet they are sturdy trees that need little attention beyond a well-drained place in the sun. These are the popular tall stemmed kind, with pendulous branches at top only.

2 year head	B. & B.....	3.50
3 year head	B. & B.....	5.00

— (GRAFTED LOW)**Weeping Cherry**

And these have branches right from the ground to produce a more informal natural effect. Similar pink flowers.

3 to 4 ft.	B. & B.....	3.50	3.00
4 to 5 ft.	B. & B.....	5.00	4.50
5 to 6 ft.	B. & B.....	6.75	
6 to 8 ft.	B. & B.....	9.00	
8 to 10 ft.	B. & B.....	12.00	

— *flore pleno*. 12'-15'**Double Fl. Weeping Cherry**

Imagine if you can, a glorified Weeping Cherry with the same graceful fountain-like sweep of branches each thickly studded with double pink flowers—it is truly magnificent.

2 year head	B. & B.....	4.50	4.00
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tomentosa*. 6'-8'*Nanking Cherry**

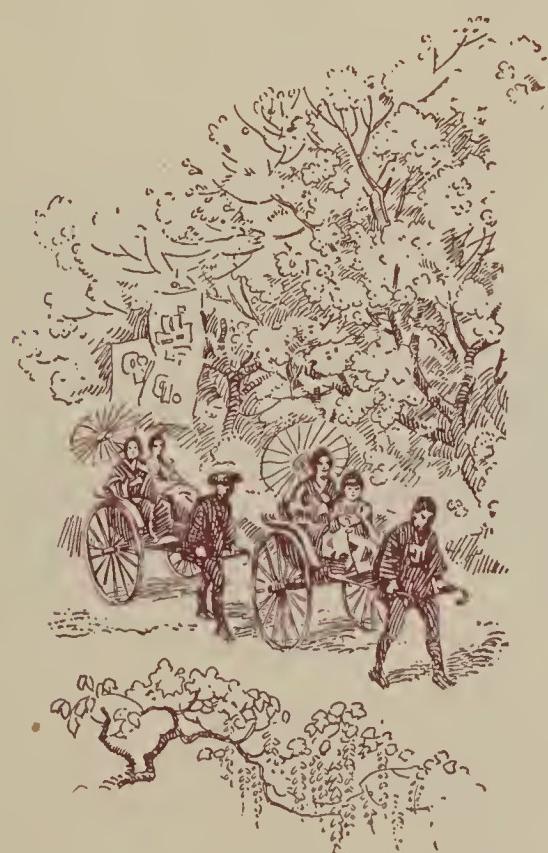
Each of the straight branches is completely surrounded by tiny white cherry blossoms, which give way to an exuberant crop of small scarlet cherries, relished by birds.

1½ to 2 ft.	.....	.50	.45
2 to 3 ft.	.....	.65	.60

triloba plena*. 7'-8'*Double Flowering Plum**

Larger and still more gorgeous than cousin "Almond." The bright pink double flowers thickly stud each branch.

3 to 4 ft.	1.00	.90
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PSEUDOLARIX

Each Ten Hundred

kaempferi. 100'**Golden Larch**

A noble survivor of prehistoric ages—particularly beautiful in spring when the flat, needle-like, feathery leaves are sprinkled in tufts along the branches. Such delicacy of shading in green is difficult to describe—then in autumn what a glorious yellow before this conifer drops its leaves.

2 to 3 ft.	B. & B.....	3.00
3 to 4 ft.	B. & B.....	3.75

PSEUDOTSUGA douglasii. 70'-80'**Douglas Fir**

EVERGREEN. Handsome and symmetrical from the seed bed to the towering forest monarch, this Rocky Mountain form has variable gray green foliage with soft texture.

2½ to 3 ft.	B. & B.....	2.50	2.25
3 to 4 ft.	B. & B.....	3.25	3.00
4 to 5 ft.	B. & B.....	4.00	3.60
5 to 6 ft.	B. & B.....	6.00	5.40
6 to 8 ft.	B. & B.....	9.00	8.00
8 to 10 ft.	B. & B.....	13.50	12.00
10 to 12 ft.	B. & B.....	21.00	19.50
12 to 15 ft.	B. & B.....	30.00	

PTEROSTYRAX hispida. 40'-50'**Epaulette Tree**

A rarely seen but beautiful Chinese tree which forms an open head with slender spreading branches. The five inch oval leaves are deeply veined but the crowning glory of the tree is the large graceful fringy panicles of fragrant white flowers which hang from the side branches. Should be trained to a single stem while young. Most unusual.

2 to 3 ft.	B. & B.....	2.50
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PYRACANTHA coccinea lalandi. 15'-18' **Laland Firethorn**

EVERGREEN. But here we have quite a different character. Strong slender branches rising from the ground develop stubby side growths upon which are hung the numerous orange red berries. Altho a handsome "specimen" shrub it is seen to best advantage when trained against a wall allowing the deep green foliage to act as a background for the berries. Southerly exposure is preferred.

1 to 1½ ft.	B. & B.....	1.20	1.00	.90
1½ to 2 ft.	potgrown.....	1.75	1.50	1.35
2 to 3 ft.	potgrown.....	2.25	2.00	



Should you wish to obtain any item not listed in this catalog we shall gladly endeavor to find it for you.

— Q —

Each Ten Hundred

QUERCUS alba. 100'**White Oak**

The monarch! Of tremendous spread, rugged and slow in growth but a permanent fixture. Insists upon spring planting—careful handling—preferably small sizes.

6 to 8 ft.	3.75
8 to 10 ft.	4.50

coccinea. 80'-90'**Scarlet Oak**

The brilliant scarlet of late autumn is characteristic of this handsome round topped tree. Has somewhat smaller and more deeply cut leaves than the Red Oak.

8 to 10 ft.	4.00
8 to 10 ft., 1 1/4 to 1 1/2 in....	5.25
10 to 12 ft., 1 1/2 to 1 3/4 in....	6.00
12 to 14 ft., 1 3/4 to 2 in....	8.00

macrocarpa. 80'**Mossycup Oak**

Although in the White Oak family a vigorous grower of typical picturesque outline and interesting corky branches.

6 to 8 ft.	3.75
8 to 10 ft., 1 1/4 to 1 1/2 in....	4.50
10 to 12 ft., 1 1/2 to 1 3/4 in....	6.00

palustris. 70'-80'**Pin Oak**

Most adaptable of the family this handsome fellow is used extensively for avenues where the trim pyramidal head accentuates distance. Deeply cut shiny foliage turns rich crimson in autumn transforming its swamp homeland where the old patriarchs rear their rugged irregular heads on a tall straight trunk devoid of lower branches.

8 to 10 ft., 1 1/4 to 1 1/2 in.	3.25	3.00	2.70
10 to 11 ft., 1 1/2 to 1 3/4 in.	4.50	4.00	3.60
11 to 12 ft., 1 3/4 to 2 in.	6.00	5.40	
12 to 14 ft., 2 to 2 1/2 in.	8.00	7.00	
14 to 16 ft., 2 1/2 to 3 in.	10.00	9.00	
14 to 16 ft., 3 to 3 1/2 in.	13.50	12.00	
16 to 18 ft., 3 1/2 to 4 in.	18.00	16.50	
18 to 20 ft., 4 to 5 in.	27.00	24.00	
18 to 20 ft., 5 to 6 in.	36.00		

robur. 120'**English Oak**

A long lived tree with round lobed leaves that do not change color appreciably in fall. Has a short thick trunk with enormous wide spreading branches—after a lifetime.

4 to 6 ft.	2.00
6 to 8 ft.	2.75

rubra. 70'-80'**Red Oak**

Typically oak-like this majestic tree soon acquires size and an ageless look. Beginning in spring on fuzzy tender pink clusters the glossy green leaves become stained and blotched with warm crimson red in autumn and hang on till spring. Wide spreading branches—irregular outline.

8 to 9 ft.	3.25	3.00	2.70
9 to 10 ft., 1 1/4 to 1 1/2 in.	4.50	4.00	3.60
10 to 12 ft., 1 1/2 to 1 3/4 in.	6.00	5.40	4.80
10 to 12 ft., 1 3/4 to 2 in.	8.00	7.20	6.00
12 to 14 ft., 2 to 2 1/2 in.	10.00	9.00	8.00
14 to 16 ft., 2 1/2 to 3 in.	13.50	12.00	
14 to 16 ft., 3 to 3 1/2 in.	18.00	16.50	
16 to 18 ft., 3 1/2 to 4 in.	24.00		
18 to 20 ft., 4 to 5 in.	30.00		

— R —

			Each	Ten	Hundred
RHAMNUS caroliniana.	20'-25'	Carolina Buckthorn			
Handsome deep green leaves make a splendid background Red berries change to black. A good dominant shrub.					
1½ to 2 ft. ....	.40	.36			
cathartica.	10'-12'	Common Buckthorn			
Good background shrub with glittering black berries.					
1½ to 2 ft. ....	.40	.36			
frangula.	8'-10'	Glossy Buckthorn			
For its shiny attractive foliage alone it is worth a place as background and the berries turn from red to black.					
1½ to 2 ft. ....	.40	.35			
2 to 3 ft. ....	.50	.45			
3 to 4 ft. ....	.60	.55			
RHODODENDRON arbutifolia.	4'	Daphne Rhododendron			
EVERGREEN. The lovely pure pink little fairy bells brighten the shapely compact bush in June. Leaves are dull green, thick and about one and one half to three inches long. Of all the dwarf varieties this has proved most reliable with us. Should be used much more freely.					
12 to 15 in. spread, B. & B....	3.00	2.70			
15 to 18 in. spread, B. & B....	4.00	3.60			
1½ to 2 ft. spread, B. & B....	5.50	5.00	4.50		
2 to 2½ ft. spread, B. & B....	7.50	6.75	6.00		
2½ to 3 ft. spread, B. & B....	10.00				
canadense.	3'-4'	Rhododendron			
Shy as most woodland subjects are the charming Rhododendrons of poetical fame is seldom seen. Tender purple flowers are borne on bare twigs brightening its moist shady home.					
1½ to 2 ft. B. & B.....	2.25				
carolinianum.	5'6' (Nursery Grown)	Carolina Rhododendron			
EVERGREEN. In an open sunny place the charming pink May bells are more colorful and the whole plant is more bushy, although half shade is quite satisfactory on acid soil.					
15 to 18 in. B. & B.....	2.25	2.00	1.80		
1½ to 2 ft. B. & B.....	3.00	2.75	2.40		
2 to 2½ ft. B. & B.....	4.00	3.60	3.30		
2½ to 3 ft. B. & B.....	5.25	4.80			
3 to 4 ft. B. & B.....	6.75				
— album.	5'-6' (Nur. Grown)	White Carolina Rhododendron			
EVERGREEN. White flowers and slightly larger leaves					
2 to 2½ ft. B. & B.....	4.00	3.60			
2½ to 3 ft. B. & B.....	5.25				
3 to 4 ft. B. & B.....	6.75				
catawbiense.	8'-10' (Nur. Grown)	Catawba Rhododendron			
EVERGREEN. It is natural to assume the parent of many hybrids should possess excellent qualities, and it does. Few native shrubs make such a gorgeous display as the great masses of rosy-purple flowers in May and June. Acid soil is of course necessary and broken shade ideal.					
1 to 1½ ft. B. & B.....	2.25	2.00			
1½ to 2 ft. B. & B.....	3.25	3.00			
2 to 2½ ft. B. & B.....	4.50	4.00			
2½ to 3 ft. B. & B.....	6.00	5.40			
3 to 4 ft. B. & B.....	8.50	7.50			

RHODODENDRON—Continued

Each Ten Hundred

maximum. 12'-15' (Nursery Grown) Rosebay Rhododendron

EVERGREEN. Essentially a shade plant, the "Great Laurel" forms the backbone of most woods plantings, where the leathery six inch leaves are of even greater landscape value than the pale pink flowers. Late May and June is "laurel season" but if happily placed in acid soil, preferably in masses, the rich foliage effect is pleasing and dignified the year round.

1 to 1½ ft.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	2.75	2.40	2.10
2 to 2½ ft.	B. & B.....	3.50	3.00	2.70
2½ to 3 ft.	B. & B.....	4.50	4.00	3.60
3 to 3½ ft.	B. & B.....	5.75	5.25	4.80
3½ to 4 ft.	B. & B.....	7.00	6.50	.
4 to 5 ft.	B. & B.....	9.00	8.00	
5 to 6 ft.	B. & B.....	12.00		
6 to 7 ft.	B. & B.....	15.00		

minus (punctatum). 6'-8'**Piedmont Rhododendron**

EVERGREEN. A loose open grower with smaller leaves than "Rosebay." Attractive rosy-pink flowers almost hidden by the young growth in June. Half shade.

2 to 3 ft.	B. & B.....	5.00
3 to 4 ft.	B. & B.....	7.50

myrtifolium. 3'-4'**Myrtle Leaf Rhododendron**

EVERGREEN. A neat compact shrub always well clothed with smooth leaves about one to two inches long, generally covered with brownish scales underneath. The clusters of light rosy pink funnel shaped flowers open in May.

12 to 15 in. spread, B. & B.....	3.50	3.00
15 to 18 in. spread, B. & B.....	4.50	4.00
1½ to 2 ft. spread, B. & B.....	6.00	
2 to 3 ft. spread, B. & B.....	10.00 to 15.00	each

racemosum. 1'-2'**Mayflower Rhododendron**

EVERGREEN. Quite variable but with us a delightful shrublet that is almost prostrate making a little pad of rich shiny green leaves about an inch long. When the racemes of pale pink flowers appear in May it looks almost like a glorified Trailing Arbutus. Nice rock plant.

9 to 12 in. spread, B. & B.....	2.50	2.25
12 to 15 in. spread, B. & B.....	3.50	3.00
15 to 18 in. spread, B. & B.....	5.00	

wilsoni. 4'-5'**Wilson Rhododendron**

EVERGREEN. According to the collector, E. H. Wilson, this is one of the most beautiful of Chinese Rhododendrons, and even though the flesh pink flowers are not remarkable with us, it is distinctly valuable for foliage.

12 to 15 in. spread, B. & B.....	3.50	3.00	2.70
15 to 18 in. spread, B. & B.....	4.50	4.00	3.60
1½ to 2 ft. spread, B. & B.....	6.00	5.40	
2 to 2½ ft. spread, B. & B.....	9.00		

Most of our native plants, ferns, and the doubtful movers such as Poppies are grown in pots for convenience and safety in planting.

RHODODENDRON—Continued

Each Ten Hundred

NAMED HYBRIDS.

(ALL EVERGREEN)

The grafted named varieties flower much more freely than any others. Individual flowers are larger, more brilliantly colored than Catawba and are produced in enormous bunches held erect above the canopy of splendid foliage. Although acid soil is necessary these grafted hybrids do quite well in open sunlight but prefer light shade.

Letters indicate sizes in stock.

album elegans. 10'-12'

C. D. E. F. G. H. J.

Grows quickly into tall narrow bush; white flushed pink.

Everestianum. 5'-6'

A. B. C. D. E. F.

Prettily frilled lilac-pink flowers, compact, reliable.

maximum roseum. 8'-10'

C. D. E. F.

Deeper pink and more profuse than type. Same foliage.

roseum elegans. 8'-10'

A. B. C. D. E. F. G. H.

The most reliable and vigorous of all hybrids. Bright rose-pink flowers in great clusters almost hide handsome foliage.

roseum superbum. Lovely soft rose: vigorous habit. D. E. F.**Prices for varieties named above.**

A. 12 to 15 in.	B. & B.....	2.25	2.00
B. 15 to 18 in.	B. & B.....	3.00	2.70
C. 1½ to 2 ft.	B. & B.....	4.00	3.60
D. 2 to 2½ ft.	B. & B.....	5.00	4.50
E. 2½ to 3 ft.	B. & B.....	6.75	6.00
F. 3 to 3½ ft.	B. & B.....	9.00	8.25
G. 3½ to 4 ft.	B. & B.....	13.50	12.00
H. 4 to 5 ft.	B. & B.....	16.50	15.00
J. 5 to 6 ft.	B. & B.....	21.00	

America. 5'-6'. Bright cheerful red. A. B. C. D.

Amphion. 6'-8'. Large white eye, pink edges. C. D.

Atroanguineum. 6'-8'. Bright red. Early. C. D.

Caractacus. 6'-8'. Gorgeous rich crimson. B. C. D. E. F.

catawbiense album. 6'-8'. Pure white. B. C. D. E. F. G. H.

Charles Bagley. 7'-8'. Brilliant cherry-red. B. C. D. E. F.

Delicatissimum. 6'-8' Tender pink. B. C. D. E. F. G. H.

Dr. H. C. Dresselhuis. 6'-8'. Good lively red. A. B. C. D. E. F.

E. S. Rand. 6'-8'. Large rich crimson, darker eye. B. C. D.

Giganteum. 8'-10'. Large trusses of deep rose. C. D.

H. H. Hunnewell. 7'-8'. Dark crimson, rich tone. B. C. D.

H. W. Sargent. 6'-8'. Splendid foliage, crimson. D. E.

Ignatius Sargent. 6'-8'. Vigorous, bright rosy red. A. B. C. D.

Lady Armstrong. 6'-8'. Light pink spotted with green. H.

Mrs. C. S. Sargent. 6'-8'. Glowing pink. A. B. C. D. E. F. G.

Old Port. 6'-8'. Unique, reddish violet. A. B. C. D. E. F.

Parson's rubrum. 6'-8'. Deep purplish red. D. E. F.

Purpureum elegans. 6'-8'. Purple opening to lavender. H. J.

A. 12 to 15 in.	B. & B.....	3.00	2.70
B. 15 to 18 in.	B. & B.....	4.00	3.60
C. 1½ to 2 ft.	B. & B.....	5.00	4.50
D. 2 to 2½ ft.	B. & B.....	6.75	6.00
E. 2½ to 3 ft.	B. & B.....	9.00	8.25
F. 3 to 3½ ft.	B. & B.....	13.50	12.00
G. 3½ to 4 ft.	B. & B.....	16.50	15.00
H. 4 to 5 ft.	B. & B.....	21.00	

RHODODENDRON—Continued

Each Ten Hundred

Boule de Niege. 4'-5'**Snowball Rhododendron**

Extremely hardy, this dwarf form retains its irregular mounded outline, well furnished with light green leaves and liberally dotted with large clusters of white flowers.

15 to 18 in. spread, B. & B.....	4.50	4.00
1½ to 2 ft. spread, B. & B.....	6.00	5.40
2 to 2½ ft. spread, B. & B.....	8.00	7.20
2½ to 3 ft. spread, B. & B.....	10.00	9.00
3 to 3½ ft. spread, B. & B.....	13.50	12.00
3½ to 4 ft. spread, B. & B.....	15.00	

Assorted Hybrids.**Separate colors**

These are varieties that have been propagated because of their good color and growth but have not been identified.

15 to 18 in. B. & B.....	2.25	2.00
1½ to 2 ft. B. & B.....	3.00	2.70
2 to 2½ ft. B. & B.....	4.00	3.60
2½ to 3 ft. B. & B.....	5.00	4.50
3 to 3½ ft. B. & B.....	6.75	6.00

RHODOTYPOS kerrioides. 5'-6'**Jetbead**

A compact well furnished shrub studded in May and June with four-petal flowers that are as intensely white as the shiny bead-like fruits are jet black, persisting all winter.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.60	.50	.45

RHUS canadensis. 4'-5'**Fragrant Sumach**

Clusters of yellow shiny flowers precede the glistening little grape-like bunches of coral-red globules that ripen in June. The aromatic foliage turns brilliant orange and scarlet in autumn. Vine-like habit is particularly useful.

1½ to 2 ft. ....	.60	.55	.50
2 to 3 ft. ....	.75	.65	.60
3 to 4 ft.	1.00	.90	

cotinus. 12'-15'**Smoke Tree**

Until the filmy purplish cloud of fruit cluster becomes so noticeable in July we are apt to overlook the fine qualities of this handsome shrub. The clean flat round leaves are stained pink while young, then mature with yellow and purple tones in fall. As a specimen few shrubs can equal its bold rugged outline which is accentuated as the thick branches become gnarled with great age.

2 to 3 ft. ....	.85	.75
3 to 4 ft.	1.00	.90
4 to 5 ft.	1.35	1.20
5 to 6 ft.	2.00	1.80
6 to 7 ft.	2.75	2.40

ROBINIA hispida. 6'-8'**Rose Acacia**

Clusters of bright rose colored sweet pea-like flowers hang from the slender branches in May. By means of spreading underground stems a mass is quickly formed and this habit is utilized for holding slopes. Thrives even on poor soil.

1½ to 2 ft. ....	.35	.30
2 to 3 ft. ....	.50	.45

A broad mat of the lovely blue Plumbago is a thrilling picture—and it is so easy to grow too.

ROSA		Each	Ten	Hundred
blanda. 3'-4'				Meadow Rose
Lovely pink flowers about two inches across are sparsely produced on thornless reddish branches in May.				
1½ to 2 ft. ....	.50	.45		
Dorothy Perkins.				Double Pink
Good old favorite and worthy of its place.				
2 year strong ....	.60	.50	.40	
Excelsa.				Double Red
The red counterpart of Dorothy Perkins. Shiny foliage.				
2 year strong ....	.60	.50	.40	
F. J. Grootendorst. 4'-5'				Grootendorst Rose
Although small, the red flowers are produced over a long season; bushy habit is useful for hedging. Splendid foliage.				
2 to 3 ft. ....	.60	.55		
3 to 4 ft. ....	.75	.65		
4 to 5 ft.	1.00	.90		
hugonis. 6'-8'				Hugonis Rose
In early May each arching branch becomes almost overnight a beautiful rope of clear yellow single flowers. And the fernlike foliage alone justifies its use in the border.				
2 to 3 ft. ....	.75	.65		
humilis (carolina). 3'				Pasture Rose
The charming pink single roses about one and a half inches across brightening the roadside in June belong to this native. Quickly becomes established in the sun.				
1½ to 2 ft. ....	.50	.40	.35	
2 to 2½ ft. ....	.60	.50	.45	
2½ to 3 ft. ....	.75	.60	.55	
lucida (virginiana). 2'-6'				Virginia Rose
Has large shining leaves and goodly numbers of rose pink flowers lasting into July. A good native to introduce.				
1½ to 2 ft. ....	.50	.45	.40	
2 to 3 ft. ....	.60	.55	.50	
nitida. 2'-3'				Bristly Rose
Deliciously fragrant deep pink, single flowers are set off beautifully by the glossy green foliage. The stems are covered with stiff bristly hairs. Splendid for naturalizing.				
1½ to 2 ft. ....	.60			
rouletti. 6"				Roulet Rose
The perfect miniature rose with lovely pink double flowers and characteristic rose foliage all in perfect proportion.				
3" Pots ....	.50	.40		
rubrifolia. 5'-6'				Redleaf Rose
An erect densely branched shrub with small purplish-red foliage and pink flowers. Purple stems for winter effect.				
2 year ....	.50			
rugosa. 5'-6'				Red Rugosa Rose
Handsome as a massed shrub with rich green glossy foliage and surprisingly large single crepe-like deep pink flowers that scent the air with fragrance. The large yellow and red hips are decorative, too. For seaside exposures.				
1½ to 2 ft. ....	.60	.54		
2 to 3 ft. ....	.70	.60		

ROSA rugosa—Continued

Each Ten Hundred

— alba. 4'-5'**White Rugosa Rose**

Fragrant white flowers are produced almost all summer.

2 to 3 ft. ....	.75	
3 to 4 ft.	1.00	

— Max Graf. 4'-5'**Hybrid Rugosa Rose**

Excellent as a ground cover when the long growth forms a rich green blanket of rugosa-like leaves bejewelled in June with shiny pink flowers. Rambles happily on a slope.

1½ to 2 ft.50	.45	.40
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setigera. 10'-12'**Prairie Rose**

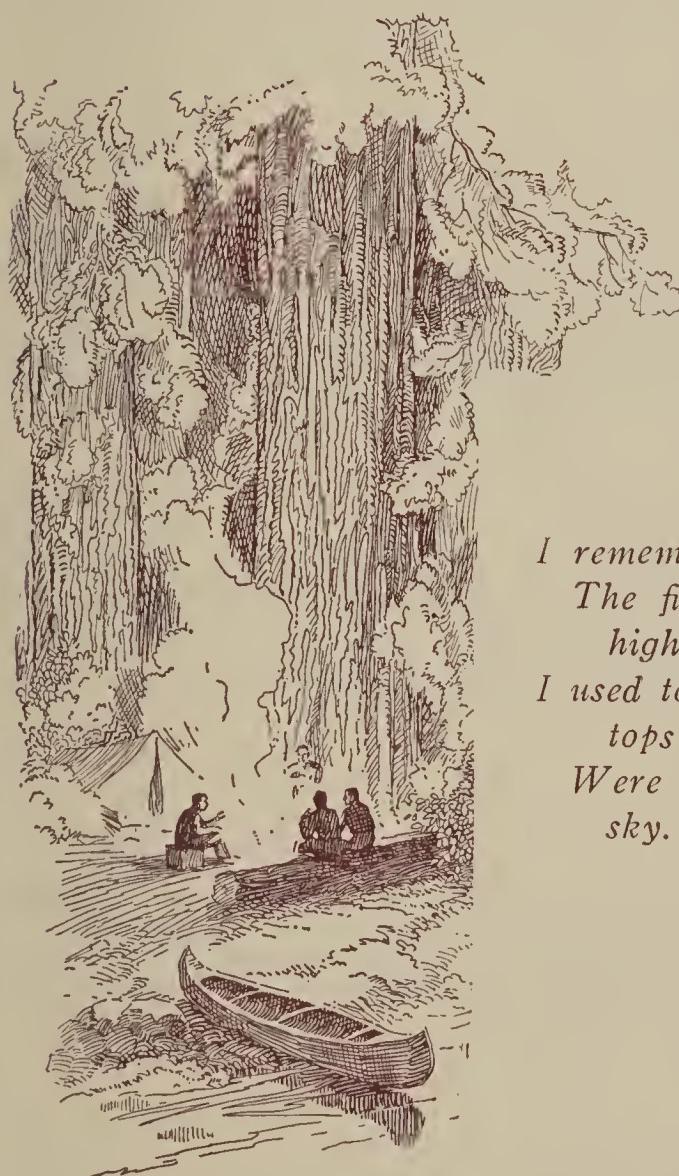
Long arching branches will cover the ground to make a great broad bush. Large single pink flowers in July. Fine for covering wide rocky slopes, where few succeed.

3 year, 2 to 4 ft.60	.55	.50
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wichuriana. Vine. 8'-10'**Memorial Rose**

Most useful as a ground cover on sunny slopes where the small glossy green leaves effectively hide the long stringy vines, which root where they touch the ground. Single white flowers brighten the picture in July. Red fruits.

3 year, 1½ to 3 ft.50	.45	.36
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I remember, I remember
The fir-trees dark and
high;
I used to think their slender
tops
Were close against the
sky.

HOOD.

— S —

Each Ten Hundred

SALIX babylonica. 30'-40'**Babylon Weeping Willow**

Long stringy branches droop vertically to the ground, and with the narrow light green leaves create a soft velvety texture. Grows rapidly especially when close to water.

6 to 8 ft.	2.00	1.80
8 to 10 ft.	3.00	2.70
10 to 12 ft.	4.00	

pentandra. 30'-40'**Laurel Willow**

Well named for the rich green shiny foliage serves to make this an ideal quick background, at seashore or inland.

4 to 6 ft.	1.00
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SAMBUCUS pubens. 10'-12'**Scarlet Elder**

One of the earliest shrubs to display its brilliant scarlet berries in great bunches. For wild gardens, large borders or rocky bank, it is ideal.

3 to 4 ft.	.50
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SCHIZOPHRAGMA hydrangeoides. 25'-30' Hydrangea Vine

For permanence this self-clinging vine is most desirable. The round leaves are about four inches across and shingle a wall beautifully. Quite similar to the climbing Hydrangea this can be identified by the single petaled bracts among the more numerous true flowers.

4" Pots	1.50
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SCIADOPITYS verticillata. 20'-25'**Umbrella Pine**

EVERGREEN. So called because the thick four inch leaves are arranged in whorls similar to the ribs of an umbrella. These dark green glossy needles handsomely clothe the branches which make a dense pyramidal head. Growing very slowly it can be safely used in low plantings. Drainage is essential for this unique beautiful conifer.

7 to 8 ft. B. & B.....	30.00
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SOPHORA japonica. 60'-70'**Chinese Scholar Tree**

Improves with age as the tortuous branches assume interesting shapes, and the crop of greenish yellow pea-shaped flowers increases. Really a fine tree that should be used for avenue or specimen purposes. Easily satisfied as to soil.

3 to 4 ft.	2.00	1.80	1.65
4 to 5 ft.	3.00	2.70	2.40
5 to 6 ft.	4.00	3.60	

viciifolia. 5'-6'**Vetch Leaf Sophora**

Clusters of porcelain blue or pale violet pea blossoms appear in June to decorate this shrub. Dry sunny spot.

2 to 3 ft.	1.50
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Perhaps some of the combination plantings on pages 132-133 will fit in your garden. Won't you please suggest others that are effective?

SORBARIA

Each Ten Hundred

arborea glabrata. 12'-15'**Tree Spirea**

All too rarely is this bold handsome August blooming shrub seen. The feathery bunches of flowers are often two feet long, gracefully held aloft or extended at ends of arching branches. Large compound leaves add to the tropical effect.

2 to 3 ft.	.....	.75	.65
3 to 4 ft.	.....	1.00	.90
4 to 6 ft.	.....	1.50	1.35

sorbifolia. 5'-6'**Ural False Spirea**

Quickly spreads by suckers to make a handsome clump well clothed with refined ash-like foliage, topped in August by creamy panicles of fuzzy flowers. Easily grown.

1½ to 2 ft.	.....	.40	.35
2 to 3 ft.	.....	.50	.45
3 to 4 ft.	.....	.65	.60

SORBUS aucuparia. 25'-30'**European Mountain Ash**

Ideal for the small lawn, the Rowan tree is extremely popular in Europe, where the great clusters of orange-red fruits figure in song and story, but here they serve the more practical purpose of food for robins. Good drainage.

6 to 8 ft.	.....	2.75
8 to 9 ft.	.....	3.50

SPIRAEA Anthony Waterer. 3'**Waterer Spirea**

Flat topped heads of rose pink flowers are produced all summer. Compact useful shrub for "facing" tall border.

12 to 15 in.	.....	.30	.27	.24
15 to 18 in.	.....	.40	.36	.33
1½ to 2 ft.	.....	.50	.45	.40
2 to 3 ft.	.....	.60	.55	.50

prunifolia. 7'-8'**Bridal Wreath**

The erect branches are in May gracefully arched over by the profusion of tiny double white flowers that are borne in clusters along the upper stems. The handsome dark green foliage turns orange and finally scarlet in Autumn.

1½ to 2 ft.	.....	.50	.40
2 to 3 ft.	.....	.60	.50

thunbergi. 4'-5'**Thunberg Spirea**

Even finer than "arguta" this feathery light green shrub is a bank of snow in April when every twig bears its quota of white flowerlets. Orange and scarlet autumn coloring.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40

trichocarpa. 5'-6'**Korean Spirea**

Quite similar but coarser than Van Houtte which flowers about three weeks before this neat broad spreading bush.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.70	.65	.60
4 to 5 ft.	.....	.90	.80	

triloba. 3'-4'**Three Lobe Spirea**

Has unfortunately been eclipsed by the offspring "Van Houtte" to which it is similar but smaller in every part. Really very beautiful and useful as a low "facing" shrub.

1½ to 2 ft.50
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SPIRAEA—Continued

Each Ten Hundred

van houttei. 6'-8'**Van Houtte Spirea**

Generally "overdone" but nevertheless very beautiful in June, when the arching branches are transformed into snowy garlands which defy description. Fortunately no special soil or location is needed but space it must have and please don't prune formally or "bob" its growth.

1 1/2 to 2 ft.	.....	.35	.30	.25
2 to 3 ft.	.....	.40	.35	.30
3 to 4 ft.	.....	.50	.45	.40
4 to 5 ft.	.....	.65	.60	

STAPHYLEA colchica. 10'-12'**Colchis Bladdernut**

Interesting because of its pale green inflated seed pods but not showy. In June the upright clusters of yellowish white flowers can be traced by their delicate fragrance.

2 to 3 ft.	.....	.80	.70	
3 to 4 ft.	.....	1.00	.90	
4 to 5 ft.	.....	1.25	1.00	

STEPHANANDRA flexuosa. 5'-6'**Cutleaf Stephanandra**

Graceful arching branches well clothed with finely cut bright green leaves changing to reddish purple in autumn. Never grows "out of hand," a useful filler.

1 1/2 to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.60	.55	.50

STEWARTIA pentagyna. 12'-15'**Mountain Stewartia**

Throughout June surprisingly handsome white bowl-shaped flowers three inches across, continue to open on the young branches. The centre of each flower is accentuated by a mass of golden yellow anthers. The cinnamon brown bark and interesting branching habit commend it for winter effect too. Little known and rarely used this handsome fellow will warm the heart of any plant lover.

1 1/2 to 2 ft.	B. & B.....	1.50	1.35	
2 to 3 ft.	B. & B.....	2.50	2.25	
3 to 4 ft.	B. & B.....	3.50		

pseudo-camellia. 25'-30'**Japanese Stewartia**

Why has this lovely thing been overlooked or neglected? The erect growing branches of young plants quickly indicate a more erect tree, but this is just as desirable as its Mountain relative. Cup shaped white flowers are slightly smaller but the foliage is just as handsome, and when older the reddish bark peels off in large flakes.

4 to 5 ft.	B. & B.....	4.50	4.00	
5 to 6 ft.	B. & B.....	6.00	5.40	
6 to 8 ft.	B. & B.....	7.50	6.75	

STRANVAESIA davidiana. 12'-15'**David Stranvaesia**

EVERGREEN. Handsome indeed where the loose bunches of orange scarlet berries shine out against the rich deep green broad leaves. Given a sheltered spot it will well repay one.

1 to 1 1/2 ft.	B. & B.....	1.20	1.00	
1 1/2 to 2 ft.	B. & B.....	1.50	1.35	

— undulata. 10'-12'**Wavy Leaf Stranvaesia**

EVERGREEN. Quite similar to the type but has slightly smaller more wavy leaves and the berries are orange.

2 to 2 1/2 ft.	B. & B.....	2.25		
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STYRAX

Each Ten Hundred

japonica. 18'-20'**Japanese Snowbell**

To say merely "a beautiful tree" is almost a travesty on this comparatively unknown subject. In July the wide spreading branches are closely strung with nodding pure white bells, an exceedingly handsome picture. Specimens or lawn plants are more effective than in mass.

4 to 6 ft.	.....	1.50	1.35	1.20
6 to 8 ft.	.....	2.25	2.00	
8 to 10 ft.	.....	3.00	2.70	

obassia. 25'-30'**Fragrant Snowbell**

Strikingly large round handsome leaves partially hide the well shaped white flowers but the fragrance causes one to look up and see the loose bunches along the branches. Rarely seen but splendid, appreciated when known.

8 to 10 ft.	B. & B.	7.50
10 to 12 ft. specimens,	B. & B.	10.00

SYMPHORICARPOS chenaulti. 3'-4'**Chenault Coralberry**

Quite an improvement on the Coralberry of which this is a hybrid. Always neat and well furnished in appearance particularly handsome when the slender branches are laden with the bunches of coral red fruits, which persist.

1½ to 2 ft.	.....	.35	.30	.27
2 to 3 ft.	.....	.45	.40	.35
3 to 4 ft.	.....	.55	.50	.45

racemosus. 4'-5'**Snowberry**

Well loved for the large white berries which weigh down the willowy branches in September, widely used for inside decorations. Happiest in half shady spot but adaptable.

1½ to 2 ft.	.....	.35	.30	
2 to 3 ft.	.....	.45	.40	
3 to 4 ft.	.....	.55	.50	.45

vulgaris. 4'-5'**Coralberry**

Like the Snowberry is not fastidious as to soil and location, in fact does well even in a dry shady place where the bunched coral berries remain bright until early spring. Somewhat straggling but splendid for naturalizing.

1½ to 2 ft.	.....	.30	.27	.24
2 to 3 ft.	.....	.40	.35	.30
3 to 4 ft.	.....	.50	.45	.40
4 to 5 ft.	.....	.60	.55	

SYMPLOCOS paniculata. 20'-25'**Turquoise Berry**

Just imagine a well grown Hawthorn heavily laden with turquoise blue berries and you have an idea of what this rarity looks like in autumn, a magnificent sight. In spring white flowers are quite conspicuous and an intricate arrangement of branches show in winter. Drainage please.

2 to 3 ft.	.....	1.00	.90	.80
3 to 4 ft.	.....	1.35	1.20	1.00
4 to 5 ft.	.....	2.00	1.80	1.65
5 to 6 ft.	.....	3.00	2.70	
6 to 8 ft.	.....	3.50	3.00	

There is a subtle difference about salads flavored just right with Tarragon cut fresh from your own garden. See our complete list of Herbs page 116.

SYRINGA		Each	Ten	Hundred
chinensis. 12'-15'				Chinese Lilac
Slender graceful branches terminate in compact clusters of purple lilac flowers. This hybrid form is generally conceded as better than its parent "persica" for cutting.				
1½ to 2 ft. ....	.50	.45	.40	
2 to 3 ft. ....	.70	.65	.60	
— saugeana. 12'-15'				Purple Chinese Lilac
An even better variety with glowing purple-red flowers and far better foliage. Grows more vigorously too. Both are at their best in May and develop into handsome specimens.				
1½ to 2 ft. ....	.50	.45	.40	
persica. 8'-10'				Persian Lilac
Doubtless will always be popular for its fragrant pale lilac flowers which are loosely arranged on thin branches.				
1½ to 2 ft. ....	.60	.55		
vulgaris. 12'-15'				Common Purple Lilac
A great old commoner, the mere mention of which never fails to recall the delicious fragrance of May. By close association with man from early days, has become an institution. The lovely flowers will smile at you every year if given a sunny spot with sweet soil.				
1½ to 2 ft. ....	.35	.30	.25	
2 to 3 ft. ....	.45	.40	.35	
3 to 4 ft. ....	.60	.55	.50	
4 to 5 ft. ....	.75	.65		
— alba. 12'-15'				Common White Lilac
Is the white form more fragrant? Just try them side by side.				
1½ to 2 ft. ....	.40	.35	.30	
2 to 3 ft. ....	.50	.45	.40	
3 to 4 ft. ....	.75	.65		
French Lilacs. 8'-15'				Hybrid Lilac
Alphonse Lavalle.	Med. sized, double flowers, lilac.			
Charles Joly.	Double bright purple-crimson.			
Edith Cavell.	Double white. Handsome sturdy bush.			
Emil Gentil.	Bright cobalt blue and really double.			
Jean Mace.	Very large double purple-blue.			
Katherine Havemeyer.	Large double flowers, mauve.			
Leon Gambetta.	Double pinkish lilac, tall grower.			
Ludwig Spaeth.	Large single narrow purple clusters.			
Mad. Francisca Morel.	Exceptionally large single pink.			
Michael Buchner.	Double, pinkish flowers.			
Mont Blanc.	Immense trusses single pure white.			
Mrs. Edward Harding.	Bright carmine double, tall.			
Paul Thirion.	Double. Lovely claret rose-red buds.			
President Failliere.	Great trusses double rosy lilac.			
President Grevy.	Soft blue-violet double flowers.			
President Poincaire.	Double violet.			
Reamur.	Single dark satiny carmine.			
Rubra de Marly.	Single bluish lavender.			
Wm. Robinson.	Double mauve pink.			
1½ to 2 ft. ....	.75	.70		
2 to 3 ft.	1.00	.90		
3 to 4 ft.	1.50			

— T —

Each Ten Hundred

TAXUS baccata compacta. 10'-12'**Compact English Yew**

ALL EVERGREEN. Shaped like an enormous black-green egg standing on broad end. Stiff ascending branches.

4 to 5 ft.	B. & B.....	9.00
5 to 6 ft.	B. & B.....	12.00
6 to 7 ft.	B. & B.....	18.00

— ovata. 12'-15'**Oval Yew**

Comparatively new and a worthwhile kind. Quite upright and narrow in youth but develops into a narrow compact oval shaped column of deep green. A splendid form.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	3.00	2.70
2 to 2½ ft.	B. & B.....	4.00	3.60
2½ to 3 ft.	B. & B.....	5.25	

— repandens. 2'-3'**Spreading English Yew**

Winter coloring is particularly rich when the long curved leaves constitute the darkest green spot in the landscape. Spreading horizontal branches form a most useful bush for low plantings or large rock work; makes handsome edging.

12 to 15 in. spread, B. & B....	2.25	2.00	1.80
15 to 18 in. spread, B. & B....	3.00	2.70	2.40
1½ to 2 ft. spread, B. & B....	3.75	3.30	3.00
2 to 2½ ft. spread, B. & B....	5.25	4.80	
2½ to 3 ft. spread, B. & B....	6.75		

— washingtoni. 6'-8'**Golden Yew**

Rather a surprising color among the somber Yews, but a handsome variation, brightest in summer. A broad bush.

2½ to 3 ft. spread, B. & B....	6.00
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canadensis. 3'-4'**Canada Yew**

Under the dense shade of Pines and Hemlocks on a moist cool slope this "ground Hemlock" is the ideal ground cover. Altho extremely hardy must not be exposed to winter sun.

12 to 15 in. spread, B. & B....	2.25	2.00
15 to 18 in. spread, B. & B....	2.75	2.50
1½ to 2 ft. spread, B. & B....	3.50	3.00
2 to 2½ ft. spread, B. & B....	5.00	

— stricta. 2'-2½'**Dwarf Hedge Yew**

Added to its inherent hardiness the compact bushy character of this newcomer make it a thoroughly dependable evergreen hedge plant. Withstands severe clipping, retains a dark green color throughout the year.

12 to 15 in. B. & B.....	2.25	2.00	1.80
15 to 18 in. B. & B.....	3.00	2.70	2.40
1½ to 2 ft. B. & B.....	3.75	3.50	3.00
2 to 2½ ft. B. & B.....	5.25	4.80	
2½ to 3 ft. B. & B.....	6.00	5.40	

Would you like to have a clipped Yew hedge? More than any other one factor a neat hedge, already shaped, gives a finished appearance to garden or terrace. For shapes and sizes available, see page 80, priced by the lineal foot. See them at nursery.

TAXUS—Continued

Each Ten Hundred

cuspidata.* 12'-15'*Japanese Yew**

Vigorous, hardy, most dependable and practically naturalized gives promise of becoming as venerable here as the English Yew in its homeland. Unless pruned occasionally will attain tremendous spread with an open center. Splendid dark green leaves are often bejeweled with brilliant crimson fruits in autumn, a "christmasy" effect. No better evergreen hedge plant. Bushy plants.

12 to 15 in. spread, B. & B.....	1.20	1.00	.90
15 to 18 in. spread, B. & B.....	1.65	1.50	1.35
1½ to 2 ft. spread, B. & B.....	2.25	2.00	1.80
2 to 2½ ft. spread, B. & B.....	3.50	3.00	2.70
2½ to 3 ft. spread, B. & B.....	5.00	4.50	4.00
3 to 3½ ft. spread, B. & B.....	7.50	6.75	6.00
3½ to 4 ft. spread, B. & B.....	10.00	9.00	
4 to 5 ft. spread, B. & B.....	15.00	13.50	
5 to 6 ft. spread, B. & B.....	20.00	18.00	

— Anderson form. 12'-15'**Anderson Yew**

Grows even more freely but needs the knife. A fine hedge.

12 to 15 in. spread, B. & B.....	1.20	1.00	.90
15 to 18 in. spread, B. & B.....	1.65	1.50	1.35
1½ to 2 ft. spread, B. & B.....	2.25	2.00	1.80
2 to 2½ ft. spread, B. & B.....	3.50	3.00	2.70
2½ to 3 ft. spread, B. & B.....	5.00	4.50	
3 to 3½ ft. spread, B. & B.....	7.50	6.75	
3½ to 4 ft. spread, B. & B.....	10.00	9.00	

— *capitata.* 20'-25'**Tree Form Japan Yew**

This is really the typical Japanese Yew from which the spreading bush form has sprung. Handsome indeed are the broad well filled pyramids so effectively used in formal gardens or a lawn specimen, and even as tub plants. Perfectly adapted for the taller hedge. Very striking with young growth in spring. Sheared or natural.

1½ to 2 ft. B. & B.....	2.00	1.80	1.50
2 to 2½ ft. B. & B.....	3.00	2.70	2.40
2½ to 3 ft. B. & B.....	4.00	3.60	3.30
3 to 3½ ft. B. & B.....	5.50	5.00	4.50
3½ to 4 ft. B. & B.....	7.50	6.75	6.30
4 to 5 ft. B. & B.....	10.00	9.00	8.10
5 to 6 ft. B. & B.....	13.50	12.00	11.00
6 to 7 ft. B. & B.....	18.00		

— compact form. 6'-8'**Compact Japanese Yew**

Because of its distinct very compact habit we selected this variety and have propagated only the best. Grows slowly and without any pruning remains a well filled bush of rich dark green. Will eventually be demanded.

1½ to 2 ft. B. & B.....	3.75
2 to 2½ ft. B. & B.....	4.50
2½ to 3 ft. B. & B.....	6.00

— *densa.* 4'-5'**Dense Japanese Yew**

From the Arnold Arboretum—a dwarf very compact type with many ascending branches forming a rounded bush.

9 to 12 in. B. & B.....	2.00
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Every one of the items mentioned on page 119 is a worthwhile plant—worthy of a place in your garden—every one has been tested—a selection even at random is sure to be interesting.

TAXUS cuspidata—Continued

Each Ten Hundred

— nana. (*brevifolia*). 5'-6'**Dwarf Japanese Yew**

Conservative and careful, it takes time for this member to assume proportions becoming the dignity of such an aristocrat. Irregularly spreading in growth it will merge with rock garden planting or is excellent for permanent low effects. Intense blackish green leaves are enhanced by the coldest winter. Various shapes available.

6 to 9 in. spread, B. & B.....	1.00	.95	.90
9 to 12 in. spread, B. & B.....	1.50	1.35	1.20
12 to 15 in. spread, B. & B.....	2.25	2.10	1.95
15 to 18 in. spread, B. & B.....	3.25	3.00	2.70
1½ to 2 ft. spread, B. & B.....	4.50	4.00	3.75
2 to 2½ ft. spread, B. & B.....	6.75	6.00	5.40
2½ to 3 ft. spread, B. & B.....	9.00	8.00	7.20
3 to 3½ ft. spread, B. & B.....	12.00	11.00	
3½ to 4 ft. spread, B. & B.....	18.00		

— — Upright form. 4'-5'**Dwarf Upright Yew**

After many years we can offer this very slow growing gem. It has the thick blackish green foliage of "nana" but the branches grow erect to form a rugged little cone.

9 to 12 in. B. & B.....	2.25
12 to 15 in. B. & B.....	3.00
15 to 18 in. B. & B.....	4.00

— nigra. 6'-8'**Black Japanese Yew**

Compact bushes are slowly formed by many ascending branches clothed with the blackest green leaves.

15 to 18 in. spread, B. & B.....	3.25	3.00
1½ to 2 ft. spread, B. & B.....	4.50	4.00
2 to 2½ ft. spread, B. & B.....	6.75	

— sieboldi. 12'-15'**Siebold Yew**

A vigorous bushy "cuspidata" that develops real character in a few years. Quickly forms a strong well filled hedge.

12 to 15 in. B. & B.....	1.35	1.20	1.00
15 to 18 in. B. & B.....	2.00	1.80	1.65
1½ to 2 ft. B. & B.....	2.75	2.50	2.25
2 to 2½ ft. B. & B.....	4.00	3.60	3.30
2½ to 3 ft. B. & B.....	6.00	5.50	
3 to 3½ ft. B. & B.....	9.00		
3½ to 4 ft. B. & B.....	12.00		

media. 12'-15'**Hybrid Yew**

Quite similar but more vigorous and bushy than "nana." Doubtless one of the handsomest evergreen shrubs for supplying the deep green note. Forms a characterful hedge.

12 to 15 in. spread, B. & B.....	1.50	1.35	1.20
15 to 18 in. spread, B. & B.....	2.25	2.00	1.80
1½ to 2 ft. spread, B. & B.....	3.00	2.70	2.40
2 to 2½ ft. spread, B. & B.....	4.50	4.00	3.60
2½ to 3 ft. spread, B. & B.....	6.00	5.40	5.00
3 to 3½ ft. spread, B. & B.....	9.00		
3½ to 4 ft. spread, B. & B.....	12.00		

— brownii. 5'-6'**Brown's Yew**

The broad upright bushy character is first class for hedging—needs but little pruning to keep it in shape—good color all winter. A favorite of the originator.

12 to 15 in. B. & B.....	1.75	1.50	1.35
15 to 18 in. B. & B.....	2.25	2.00	
1½ to 2 ft. B. & B.....	3.00	2.70	

TAXUS media—Continued

Each Ten Hundred

— hatfieldi. 12'-15'**Hatfield Yew**

Forms a compact perfectly furnished cone shaped bush that offers many possibilities especially in the small garden.

12 to 15 in.	B. & B.....	1.35	1.20	1.00
15 to 18 in.	B. & B.....	2.00	1.80	1.65
1½ to 2 ft.	B. & B.....	3.00	2.70	2.25
2 to 2½ ft.	B. & B.....	4.50	4.00	3.50
2½ to 3 ft.	B. & B.....	6.00	5.40	5.00
3 to 3½ ft.	B. & B.....	9.00	8.00	
3½ to 4 ft.	B. & B.....	12.00	11.00	
4 to 5 ft.	B. & B.....	15.00		

— hicksi. 10'-12'**Hicks Yew**

A hardy substitute for the columnar Irish Yew. Upright branches are clothed with typical dark green leaves. Planted closely you have a ready made hedge.

12 to 15 in.	B. & B.....	1.20	1.10	1.00
15 to 18 in.	B. & B.....	1.80	1.65	1.50
1½ to 2 ft.	B. & B.....	2.50	2.25	2.00
2 to 2½ ft.	B. & B.....	3.75	3.50	3.25
2½ to 3 ft.	B. & B.....	5.25	4.80	4.50
3 to 3½ ft.	B. & B.....	8.00	7.20	6.75
3½ to 4 ft.	B. & B.....	10.00	9.00	
4 to 5 ft.	B. & B.....	13.50	12.00	

— wellesleyana. 8'-10'**Wellesley Yew**

Another child of Hatfield's that promises to be outstanding as a real hardy substitute for Irish Yew. The closely packed branches all grow upward to make, in youth at least, a well shaped fat column well furnished with thick rich green leaves. This will surely remain popular.

12 to 15 in.	B. & B.....	2.00	1.80	1.65
15 to 18 in.	B. & B.....	2.75	2.50	2.25
1½ to 2 ft.	B. & B.....	4.00	3.60	
2 to 2½ ft.	B. & B.....	6.00		

FINISHED YEW HEDGES

With a view of supplying a finished article wherever possible and prompted by a number of requests we have been growing some Yew hedges of various shapes and sizes and for the first time now offer these well clipped compact hedges.

TAXUS cuspidata**Japanese Yew**

560 Lineal feet. Clipped round.

16 to 18 inches tall by 16 to 18 inches broad. 3.00 per foot

TAXUS cuspidata sieboldii**Siebold Yew**

65 Lineal Feet. Clipped Square. Flat top and sides.
28 inches tall by 24 inches broad. 6.00 per lineal foot

TAXUS cuspidata capitata**Tree Form Japan Yew**

150 Lineal feet. Formal pyramid. Clipped to a point.
3 to 3½ feet tall by 18 to 20 inches at base. 6.00 per foot

TAXUS cuspidata Clipped cubes**Topiary Yew**

Ideal for formal gardens or finishing the end of hedges.

1½ to 2 ft. x 1½ ft.	B. & B.....	6.00	Each
2 to 2½ ft. x 2 ft.	B. & B.....	9.00	Each
2½ to 3 ft. x 2 ft.	B. & B.....	12.00	Each
3 to 3½ ft. x 2½ ft.	B. & B.....	15.00	Each

Each Ten Hundred

TEUCRIUM chamaedrys. 12"-15"**Germaneder**

EVERGREEN. Interesting rock garden shrub with glossy deep green leaves and rose-purple flowers in loose spikes. Can be successfully used to substitute Boxwood edging.

2½"	Pots .....	.25	.20	.15
2	year field grown .....	.35	.28	.21

THUYA. ALL EVERGREEN**occidentalis. 30'-35'****American Arborvitae**

Certainly a most prolific species giving rise to many handsome widely differing forms. Too often is this "Tree of Life" prejudged in its infancy, for surely does it assume its natural place among the patriarchs of the tree world. Generally useful for hedging or formal work, its well clothed pyramidal outline can be sheared severely without hurt. Brown inside foliage can be vigorously shaken out in early spring. Most Arborvitae prefer a moist place.

3	to 4 ft.	B. & B.....	2.00	1.80	1.65
4	to 5 ft.	B. & B.....	3.00	2.70	
5	to 6 ft.	B. & B.....	4.00	3.60	
6	to 7 ft.	B. & B.....	5.50	5.00	
7	to 8 ft.	B. & B.....	6.75	6.00	
8	to 10 ft.	B. & B.....	9.00		
10	to 12 ft.	B. & B.....	12.00		

— compacta. 4'-5'**Parson's Arborvitae**

Naturally almost globe shape.—Light green foliage.

2½ to 3 ft.	B. & B.....	3.00
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— douglasi aurea. 15'-20'**Douglas Golden Arborvitae**

Bronzy yellow foliage clothes the well shaped pyramid. Very hardy and quick growing. Quite attractive in spring.

2½ to 3 ft.	B. & B.....	1.50	1.35
3 to 4 ft.	B. & B.....	2.00	1.80
4 to 5 ft.	B. & B.....	3.00	2.70
5 to 6 ft.	B. & B.....	4.00	3.60
6 to 7 ft.	B. & B.....	5.50	5.00
7 to 8 ft.	B. & B.....	6.75	6.00
8 to 10 ft.	B. & B.....	9.00	8.00

— pyramidalis (plicata). 20'-25'**Douglas Arborvitae**

Easily identified by the curiously twisted fern like branches covered with typical shiny green scale like leaves. A narrow pyramid with short lateral branches.

6 to 8 ft.	B. & B.....	7.50
8 to 10 ft.	B. & B.....	10.00

— elegantissima. 15'-20'**Golden Tipped Arborvitae**

Fleshy lustrous green leaf-branches are in spring conspicuously tipped with gold but retain their vivid green throughout the winter. A well formed broad based pyramid. This is one of the finest of the varieties.

2½ to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.75	2.50	2.25
4 to 5 ft.	B. & B.....	3.75	3.25	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	
6 to 7 ft.	B. & B.....	6.00	5.40	
7 to 8 ft.	B. & B.....	8.00		
8 to 10 ft.	B. & B.....	10.00		

Please feel free to consult with us on any planting problem you may have.

THUYA occidentalis—Continued

Each Ten Hundred

— globosa. 3'-4'**Globe Arborvitae**

A little ball of light green just made for formal designs.

12 to 15 in.	B. & B.....	1.00	.90	.80
15 to 18 in.	B. & B.....	1.35	1.20	

— hoveyi. 3'-4'**Hovey Arborvitae**

Broadly oval in outline, bright green foliage, fresh in spring.

3 to 3½ ft.	B. & B.....	4.00
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— Little Gem. 2'-3'**Little Gem Arborvitae**

Apparently has been overlooked for whenever seen this appropriately named little fellow rarely fails to excite admiration and desire to possess. Hugging the ground all through life it slowly spreads and expands in billowy humps creating an age old effect. For edging, a low informal hedge, or any low planting, fitting and permanent.

12 to 15 in. spread, B. & B.....	1.75	1.50	1.20
15 to 18 in. spread, B. & B.....	2.25	2.00	1.80
1½ to 2 ft. spread, B. & B.....	3.00	2.70	2.40
2 to 2½ ft. spread, B. & B.....	4.00	3.60	

— lutea. 12'-15'**Geo. Peabody Arborvitae**

Conspicuous at all times with bright yellow foliage throughout the well shaped pointed column. Helped by trimming.

3 to 4 ft.	B. & B.....	2.00	1.80
4 to 5 ft.	B. & B.....	3.00	2.70
5 to 6 ft.	B. & B.....	4.00	3.60
6 to 7 ft.	B. & B.....	5.50	5.00
7 to 8 ft.	B. & B.....	6.75	6.00
8 to 10 ft.	B. & B.....	9.00	8.00

— nigra. 30'**Dark American Arborvitae**

Selected for its remarkably dark green foliage which retains its color far better than the type. Typical growth.

2 to 3 ft.	B. & B.....	2.00
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— pumila. 3'-4'**Dwarf Arborvitae**

In juvenile stage practically a globe but eventually becomes a notably round topped bush. Very dependable.

12 to 15 in.	B. & B.....	1.20	1.00	.90
15 to 18 in.	B. & B.....	1.50	1.35	1.20
1½ to 2 ft.	B. & B.....	2.00	1.80	1.65
2 to 2½ ft.	B. & B.....	2.50	2.25	



THUYA occidentalis—Continued

Each Ten Hundred

— pyramidalis. 25'-30'**Pyramidal Arborvitae**

In a narrow column clothed with lively green foliage that retains its color throughout winter. Useful alike in formal or informal planting for the spire-like shafts or as a hedge.

2 to 2½ ft.	B. & B.....	1.35	1.20	1.00
2½ to 3 ft.	B. & B.....	1.80	1.65	1.50
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.75	3.30	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	4.00
6 to 7 ft.	B. & B.....	6.00	5.40	5.00
7 to 8 ft.	B. & B.....	7.50	6.75	
8 to 10 ft.	B. & B.....	10.00	9.00	
10 to 12 ft.	B. & B.....	13.50		

— rosenthali. 8'-10'**Rosenthal Arborvitae**

Decidedly worthy of wider use, as it grows slowly and its knobby rugged appearance improves with age, maturing as a "weathered" column of dark green.

2½ to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.40
4 to 5 ft.	B. & B.....	4.00	3.60	

— umbraculifera. 3'-4'**Umbrella Arborvitae**

Low spreading branches soon form a luscious looking rich green mushroom shaped bush. A worthwhile low form.

3 to 3½ ft.	B. & B.....	4.50
3½ to 4 ft.	B. & B.....	6.00

— vervaeneana. 10'-12'**Vervaeen Arborvitae**

Another broad pyramid of exceptional vigor and hardiness. The foliage varies from green to yellow and bronze.

3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.75	3.30	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	
6 to 7 ft.	B. & B.....	6.00		
7 to 8 ft.	B. & B.....	7.50		
8 to 10 ft.	B. & B.....	10.00		

— wareana. 12'-15'**Siberian Arborvitae**

Exceedingly hardy, this dense growing form makes a splendid hedge although as a spot plant its rugged broad pyramid is worthy of consideration. Improves with age.

2 to 2½ ft.	B. & B.....	1.65	1.50	1.35
2½ to 3 ft.	B. & B.....	2.25	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70	2.50
4 to 5 ft.	B. & B.....	4.50	4.00	3.60

orientalis (BIOTA) 25'-30'**Oriental Arborvitae**

Flat fan like branches pressed together "on end" form at first an oval shape column brilliantly clothed in emerald green foliage. Develops into a bushy pyramidal tree.

3 to 4 ft.	B. & B.....	2.25
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— aurea conspicua (BIOTA) 10'-12'**Goldspire Arborvitae**

Gayly dressed in bright yellow foliage that deepens to glowing old gold and warm brown in winter. Columnar.

2 to 2½ ft.	B. & B.....	2.00	1.80	1.65
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.50	3.25	3.00
4 to 5 ft.	B. & B.....	5.00	4.50	
5 to 6 ft.	B. & B.....	6.75		

THUYA orientalis

Each Ten Hundred

— aurea nana. 4'-5'**Berckman Golden Arborvitae**

From the "bed plant" to old age the same compact neat egg-shape mass is retained, changing from the brilliant yellow high lights of spring to warm reddish brown tones, tipped with gold in winter. Popular for edging.

15 to 18 in.	B. & B.....	2.00	1.80
1½ to 2 ft.	B. & B.....	2.75	2.40

— compacta (BIOTA) 4'-5'**Siebold Arborvitae**

Except for its vivid constant green foliage is similar to "Berckman." Most useful when color isn't wanted.

2½ to 3 ft.	B. & B.....	3.00
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— elegantissima (BIOTA) 10'-12' Yellow Column Arborvitae

In outline a broad swelling column, quite compact and well furnished. Few if any conifers can compare favorably to this handsome bush for warm rich coloring throughout the year. Spring covers the surface with sparkling yellow tips ripened by the summer sun to golden brown, and winter brings out the rich reddish bronze coat flecked with yellow brilliants, with vivid green inside.

2 to 2½ ft.	B. & B.....	2.00	1.80
2½ to 3 ft.	B. & B.....	2.50	2.25
3 to 4 ft.	B. & B.....	3.50	3.30
4 to 5 ft.	B. & B.....	5.00	4.50

plicata atrovirens (lobbi) 35'-40'**Giant Arborvitae**

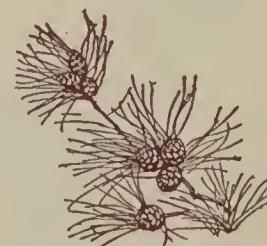
Lustrous green fleshy leaves clothe the branchlets assuming warm bronze tones in winter. Given a sunny reasonably moist spot will quickly develop into a splendid dignified irregular tree. Quite unlike any other arborvitae.

2 to 3 ft.	B. & B.....	1.80	1.65	1.50
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.50	3.25	3.00
5 to 6 ft.	B. & B.....	5.00	4.50	
8 to 10 ft.	B. & B.....	12.00		
10 to 12 ft.	B. & B.....	15.00		

standishi. 12'-15'**Standish Arborvitae**

Rather sorrowful but provides a welcome "break" with its open branches, irregular pyramidal habit and coarse growth. The south side tones to a warm bronze in winter.

2 to 3 ft.	B. & B.....	2.00	1.80	1.65
3 to 4 ft.	B. & B.....	2.50	2.25	2.00
4 to 5 ft.	B. & B.....	3.50	3.00	
5 to 6 ft.	B. & B.....	5.00		
6 to 7 ft.	B. & B.....	6.50		
7 to 8 ft.	B. & B.....	9.00		
8 to 10 ft.	B. & B.....	12.00		



*Behold the trees unnumbered rise,
Beautiful, in various dyes;
The gloomy pine, the poplar blue,
The yellow beech, the sombre yew,
The slender fir that taper grows,
The sturdy oak with broad-spread boughs.*

TILIA

Each Ten Hundred

americana. 80'-90'**American Linden**

In a fairly moist location this native Basswood will, once started, quickly develop into a large limbed round topped tree, handsome in its dress of great heart shaped leaves, conspicuous in June when the fragrant flowers attract bees.

10	to	11	ft., 1½ to 1¾ in.....	3.25	3.00
11	to	12	ft., 1¾ to 2 in.....	4.00	3.60
12	to	14	ft., 2 to 2½ in.....	5.00	4.50
12	to	14	ft., 2½ to 3 in.....	6.50	6.00
14	to	16	ft., 3 to 3½ in.....	9.00	8.00
16	to	18	ft., 3½ to 4 in.....	11.00	10.00

cordata. 70'-80'**Littleleaf European Linden**

Generally conceded the best form for street planting as the dark green leaves remain good until late autumn. The compact low branched head is particularly fitted to lawn purposes where the branches make a natural canopy.

8	to	10	ft., 1¼ to 1½ in.....	3.75	3.30	3.00
10	to	11	ft., 1½ to 1¾ in.....	4.50	4.00	3.60
11	to	12	ft., 1¾ to 2 in.....	5.50	5.00	4.50
12	to	14	ft., 2 to 2½ in.....	6.75	6.00	5.40
12	to	14	ft., 2½ to 3 in.....	9.00	8.00	
12	to	14	ft., 3 to 3½ in.....	12.00		
14	to	16	ft., 3½ to 4 in.....	13.50		

euchlora. 70'-80'**Crimean Linden**

Shiny yellow branchlets, distinctive—good clean foliage.

8	to	10	ft.	3.00	2.70
8	to	10	ft., 1¼ to 1½ in.....	3.75	3.30
10	to	12	ft., 1½ to 1¾ in.....	5.00	
10	to	12	ft., 1¾ to 2 in.....	6.50	
12	to	14	ft., 2 to 2½ in.....	9.00	

platyphyllos (grandiflora) 80'-100' Bigleaf European Linden

Maybe not as popular as the small leaved brother but a robust handsome fellow that has made famous the stately avenues of Europe. Both types are often formally clipped.

9	to	10	ft., 1¼ to 1½ in.....	3.00	2.70	2.40
10	to	11	ft., 1½ to 1¾ in.....	4.00	3.60	3.25
11	to	12	ft., 1¾ to 2 in.....	5.25	4.80	4.25
12	to	14	ft., 2 to 2½ in.....	6.75	6.00	5.40
12	to	14	ft., 2½ to 3 in.....	9.00	8.00	
14	to	16	ft., 3 to 3½ in.....	12.00		
14	to	16	ft., 3½ to 4 in.....	13.50		

— pyramidalis. 40'-50'**Pyramidal Linden**

For narrow avenues or even an accent tree this would be a good choice as the clean branches all grow upward.

8	to	10	ft., 1½ to 1¾ in.....	9.00
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tomentosa. (argentea) 50'-60'**Silver Linden**

Few trees could be more handsome than this striking species. The heart-shaped leaves are green above and silvery white beneath. Grows into a compact specimen, in June surrounded by bees gathering honey from the sweetly fragrant greenish yellow flowers.

8	to	10	ft., 1½ to 1¾ in.....	5.25
10	to	12	ft., 1¾ to 2 in.....	6.75
10	to	12	ft., 2 to 2½ in.....	9.00
12	to	14	ft., 2½ to 3 in.....	12.00

TSUGA

Each Ten Hundred

canadensis.* 70'-80'*Canada Hemlock**

EVERGREEN. Grace, dignity and beauty have conspired successfully to make this American a living example of magnificent stateliness. With plenty of space the tree claims right to its noble forest stature, but is willing to be clipped into hedges—splendid walls of close textured green. Half shade or a north slope is preferred but sun is alright too.

1½ to 2 ft.	B. & B.....	1.35	1.20	1.00
2 to 2½ ft.	B. & B.....	1.80	1.65	1.50
2½ to 3 ft.	B. & B.....	2.50	2.25	2.00
3 to 4 ft.	B. & B.....	3.50	3.30	3.00
4 to 5 ft.	B. & B.....	5.00	4.50	4.00
5 to 6 ft.	B. & B.....	7.50	6.75	
6 to 7 ft.	B. & B.....	11.00		
7 to 8 ft.	B. & B.....	15.00		
8 to 10 ft. specimens, B.&B.		21.00	19.50	
10 to 12 ft. specimens, B.&B.		30.00	27.00	
12 to 14 ft. specimens, B.&B.		42.00	39.00	

atrovirens.* 20'-25'*Deep Green Hemlock**

A gem indeed, in which the flat needles of varying sizes are closely packed on the short branchlets to make a dense plump pyramid. Truly a handsome specimen.

12 to 15 in.	B. & B.....	4.00
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dwarf forms.* 4'-10'*Dwarf Hemlocks**

Selected seedlings that differ in character and rate of growth to the type. Interesting and beautiful but unnamed.

2 to 3 ft.	B. & B.....	4.00
4 to 5 ft.	B. & B.....	9.00
5 to 6 ft.	B. & B.....	12.00
6 to 7 ft.	B. & B.....	18.00

fremdi.* 15'-20'*Fremd Hemlock**

Slowly but surely this aristocrat develops into a most handsome specimen, broadly pyramidal in outline. Rich foliage is crowded on branchlets completely clothing whole.

15 to 18 in.	B. & B.....	5.00
1½ to 2 ft.	B. & B.....	6.75
2 to 2½ ft.	B. & B.....	9.00
2½ to 3 ft.	B. & B.....	11.00
10 to 12 ft. specimens, B.&B.		50.00 to 75.00 each

pendula.* 6'-8'*Sargent Weeping Hemlock**

EVERGREEN. Makes a tremendous mound of wavy outline many times broader than high, always well clothed and neat. Like all good things it develops slowly but becomes a real possession in your "personal effects."

2 to 2½ ft. spread, B. & B....	8.00	7.20
2½ to 3 ft. spread, B. & B....	10.00	9.00
3 to 3½ ft. spread, B. & B....	12.00	11.00
3½ to 4 ft. spread, B. & B....	15.00	13.50
4 to 5 ft. spread, B. & B....	19.50	18.00
6 to 8 ft. odd shape, B.&B.	45.00	

Would you like to have a clipped Yew hedge? More than any other one factor a neat hedge, already shaped, gives a finished appearance to garden or terrace. For shapes and sizes available, see page 80, priced by the lineal foot. See them at nursery.

TSUGA—Continued

Each Ten Hundred

caroliniana. 40'-50'**Carolina Hemlock**

EVERGREEN. Compared with the "Canada" Hemlock, this southerner has longer yew-like foliage, irregularly disposed on the twigs, and the spreading half drooping branches are so arranged as to create splendid shadow patterns. Absolutely hardy, in fact the foliage seems proof against sun scalding. One of the aristocrats.

2½ to 3 ft.	B. & B.....	3.00	2.70
3 to 4 ft.	B. & B.....	4.00	3.60
4 to 5 ft.	B. & B.....	5.50	5.00
5 to 6 ft.	B. & B.....	8.00	7.20
6 to 7 ft.	B. & B.....	12.00	11.00
7 to 8 ft.	B. & B.....	16.50	15.00
8 to 10 ft.	B. & B.....	22.50	21.00
10 to 12 ft.	B. & B.....	30.00	

diversifolia. 40'-50'**Japanese Hemlock**

With us a very slow grower with short blunt yew-like leaves evenly disposed on reddish branchlets. Side branches are short and horizontal forming a graceful pyramid of rich dark glossy green foliage. Quite hardy.

12 to 15 in.	B. & B.....	2.25	2.00
15 to 18 in.	B. & B.....	3.00	2.70
1½ to 2 ft.	B. & B.....	4.00	3.60
2 to 2½ ft.	B. & B.....	5.25	

— U —**ULMUS americana. 100'****American Elm**

Almost wherever you go the lofty arching branches silently pronounce a benediction on the traveller. No tree it would seem can be more majestic than our dear old American Elm, a tower of strength, grace and beauty.

12 to 14 ft., 2 to 2½ in....	4.00	3.60
12 to 14 ft., 2½ to 3 in....	5.00	4.50
14 to 16 ft., 3 to 3½ in....	7.00	6.30
16 to 18 ft., 3½ to 4 in....	11.00	10.00
16 to 18 ft., 4 to 5 in....	16.50	

— molini. 80'-100'**Moline Elm**

Unexpected in the Elm family, nevertheless a most useful and handsome member is this vigorous youngster of broad conical outline clad in splendid large leaves. Ideal for narrow streets, or even for tall screening purposes.

8 to 10 ft., 1¼ to 1½ in....	2.00	1.80
10 to 12 ft., 1½ to 1¾ in....	2.50	2.25
10 to 12 ft., 1¾ to 2 in....	3.25	3.00
12 to 14 ft., 2 to 2½ in....	4.00	3.60
14 to 16 ft., 2½ to 3 in....	6.00	5.40
16 to 18 ft., 3 to 3½ in....	8.50	
16 to 18 ft., 3½ to 4 in....	12.00	

— vase shaped. 80'-100'**Vase Elm**

Selected to emphasize the graceful lines of the vase shape top, and it has handsome foliage to boot. Where uniform shape is desired these budded trees must be used.

8 to 10 ft., 1¼ to 1½ in....	2.00	1.80
10 to 12 ft., 1½ to 1¾ in....	2.50	2.25
10 to 12 ft., 1¾ to 2 in....	3.25	3.00
12 to 14 ft., 2 to 2½ in....	4.00	3.60
14 to 16 ft., 2½ to 3 in....	6.00	5.40
16 to 18 ft., 3 to 3½ in....	8.50	

ULMUS—Continued

Each Ten Hundred

campestris. 80'-100'**English Elm**

The handsome leaves remain green long after the native Elm is bare. Straight clean stems and a strong oak-like structure of branches makes this a splendid street tree.

8 to 10 ft..	1 1/4 to 1 1/2 in.....	3.75	3.50
10 to 12 ft.,	1 1/2 to 1 3/4 in.....	4.50	4.00
10 to 12 ft.,	1 3/4 to 2 in.....	6.00	5.40
12 to 14 ft.,	2 to 2 1/2 in.....	7.50	6.75
14 to 16 ft.,	2 1/2 to 3 in.....	10.00	
16 to 18 ft.,	3 to 3 1/2 in.....	13.50	
16 to 18 ft.,	3 1/2 to 4 in.....	18.00	

**— V —*****VACCINIUM corymbosum. 6'-8'*****Highbush Blueberry**

Apart from the delicious "huckleberries," here is a handsome shrub of many uses. In sour swampy places brilliant coloring of the foliage is an annual pageant and even the clusters of waxy white bell flowers are remarkable.

2 to 3 ft.	B. & B.....	2.00	1.80
3 to 4 ft.	B. & B.....	3.00	2.70
4 to 5 ft.	B. & B.....	4.00	3.60

VIBURNUM acerifolium. 5'-6'**Maple Leaved Viburnum**

Altho not striking, the heads of white May flowers result in bunches of glittering black berries that in autumn stand out against the gorgeous pink to purple foliage. Naturally a shade lover, even in dense woods great masses abound.

1 1/2 to 2 ft.	.....	.55	.50	.45
2 to 3 ft.	.....	.65	.60	

americanum. 10'-12'**American Cranberry Bush**

Bright scarlet berries persist nearly all winter, handsome.

1 1/2 to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.60	.55	.50
4 to 5 ft.	.....	.75	.70	
5 to 6 ft.	.....	.90	.80	

carlesi. 4'-5'**Fragrant Viburnum**

Waxy pink, deliciously fragrant flowers appear in little round clusters as the leaves are unfolding. Not easily grown it is wise to select well drained sunny spot where you can keep it moist in the summer. Broader than tall.

1 to 1 1/2 ft.	B. & B.....	.75	.65
1 1/2 to 2 ft.	B. & B.....	1.20	1.00
2 to 2 1/2 ft.	B. & B.....	1.80	1.65
2 1/2 to 3 ft.	B. & B.....	2.25	
3 to 4 ft.	B. & B.....	3.00	
5 ft. x 5 ft.	B. & B.....	13.50	

VIBURNUM—Continued

Each Ten Hundred

cassinoides. 6'-8'**Witherod**

Color starts in June with the large clusters of white flowers, preceding green berries which in turn change to pink and finally blue black. Leathery leaves add their touch of crimson and purple in autumn. Prefers a moist spot.

1½ to 2 ft.	.....	.60	.54	.50
2 to 3 ft.	.....	.75	.70	.65
3 to 4 ft.	.....	1.00	.90	
4 to 5 ft.	.....	1.50		

dentatum. 10'-12'**Arrow Wood**

Has creamy white flowers in May and black berries later. Purple and red shades are typical for autumn dress, seen to best advantage when massed in half shady moist spot.

1½ to 2 ft.	.....	.40	.36	.33
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.70	.65	.60
4 to 5 ft.	.....	.90	.80	
5 to 6 ft.	B. & B.	2.50		

dilatatum. 8'-10'**Linden Viburnum**

Here again time is needed to bring out the real fine character of this shrub. Handsome rough foliage, six inch clusters of creamy flowers and glittering scarlet berries all winter are a few of its assets. No pruning necessary.

1½ to 2 ft.	.....	.60	.54	.50
2 to 3 ft.	.....	.80	.70	.65
3 to 4 ft.	.....	1.00	.90	.80
4 to 5 ft.	.....	1.50	1.35	
5 to 6 ft.	.....	2.25	2.00	

lantana. 12'-15'**Wayfaring Tree**

Becomes most attractive when the handsome foliage turns red and the fruits change from crimson to black in autumn. Apparently at home in a lime soil. Useful for bold accents.

1½ to 2 ft.	.....	.40	.35	
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.60	.55	.50
4 to 5 ft.	.....	.80	.70	
5 to 6 ft.	.....	1.20		

lentago. 20'-25'**Nannyberry**

Almost a tree eventually, having clean looking foliage that becomes rich purple and crimson in fall. Black berries are decorative all winter too. Extremely hardy and adaptable.

1½ to 2 ft.	.....	.50	.45	.40
2 to 3 ft.	.....	.65	.60	.55
3 to 4 ft.	.....	.80	.75	.70
4 to 5 ft.	.....	1.00	.90	

molle. 10'-12'**Kentucky Viburnum**

The rounder darker green leaves constitute the main difference between this and dentatum. Purple berries.

1½ to 2 ft.50	.45	
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opulus nanum. 1'-2'**Dwarf Cranberry**

Forms a dense globular affair packed with shoots and foliage but rarely blooms, a stunning plant for edging.

6 to 9 in.	.....	.40	.36	.33
9 to 12 in.	.....	.60	.55	.50
12 to 15 in.	.....	.80	.75	
15 to 18 in.	.....	1.00	.90	

VIBURNUM—Continued

Each Ten Hundred

prunifolium. 12'-15'

Black Haw

A sturdy clean cut shrub with few stiff upright stems and a maze of horizontal branches. Attractive pure white May flowers give place to large bunches of pink fruits turning to black. Decidedly best in masses when the intricate branches form one vast clump beautifully softened with smallish leaves, purple in fall. Effective with cedars.

1½ to 2 ft.	.....	.75	.70	.65
2 to 3 ft.	.....	1.00	.90	.85
3 to 4 ft.	.....	1.50	1.35	1.20
4 to 5 ft.	.....	2.00	1.80	
5 to 6 ft.	.....	2.50		

rhytidophyllum. 8'-10'

Leatherleaf Viburnum

EVERGREEN. Rough deeply veined Rhododendron-like leaves six to eight inches long quickly distinguish this bold southerner. If the brilliant red berries are to mature a sheltered half shady spot is needed.

3 to 4 ft.	B. & B.....	4.50
4 to 5 ft.	B. & B.....	6.00
5 to 6 ft.	B. & B.....	7.50

sieboldi. 8'-10'

Siebold Viburnum

Tree-like, few stemmed shrub with handsome dark green lustrous foliage, creamy flowers and berries that start out green changing to pink to black. Certainly a "dominant."

1½ to 2 ft.	.....	.50	.45	.40
2 to 3 ft.	.....	.60	.55	.50
3 to 4 ft.	.....	.80	.70	.60
4 to 5 ft.	.....	1.00	.90	
5 to 6 ft.	.....	1.20	1.00	

tomentosum. 8'-10'

Doublefile Viburnum

The Beau-Brummel of the family whose neatness is of little note beside the handsome spectacle afforded by a well grown specimen in full bloom. The flat topped clusters of pure white flowers are thickly strung along the top of the horizontal branches so as to resemble a fall of snow. The purple foliage color is distinctive too. By all means indispensable. Red berries occasionally produced.

1½ to 2 ft.	.....	.40	.35	.30
2 to 3 ft.	.....	.50	.45	.40
3 to 4 ft.	.....	.65	.60	.55
4 to 5 ft.	.....	.85	.75	
5 to 6 ft.	.....	1.20	1.00	

plicatum. 7'-8'

Japanese Snowball

In June the familiar white three inch "Snowballs" are generously studded over a well clothed shrub; no fruits.

1½ to 2 ft.	.....	.40	.35
2 to 3 ft.	.....	.50	.45
3 to 4 ft.	.....	.65	.60

wrighti. 8'-10'

Wright Viburnum

Somewhat like dilatatum with the same brilliant scarlet fruit. When mature a strikingly handsome subject.

3 to 4 ft.	.....	.90
4 to 5 ft.	.....	1.20

Teucrium is a splendid hardy substitute for Boxwood edging—and speaking of edgings—do look at the surprising number of interesting dwarf Iris we have.

Each Ten Hundred

Periwinkle**VINCA minor**

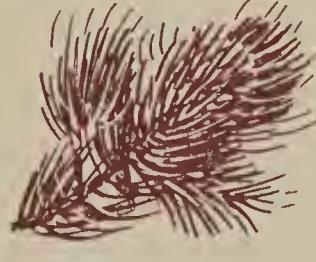
EVERGREEN. Accepted as THE ground cover, its close blanket of dark green foliage is well known. Shade is best but a sunny spot is alright too, if not too dry and hot. Well established.

3" Pots16	.12	.09
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VITEX macrophylla. 5'-6'**Bigleaf Chaste Tree**

A dainty shrub with branching spikes of very attractive lavender blue flowers in September beautifully offset by the star shaped gray green leaves. Must have sun.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.65	.60	.54

**— W —****WEIGELA amabilis. 7'-8'****Rose Weigela**

Old but still good the trumpet shaped flowers are rosy pink outside and pale inside—a lovely profusion in May and June. Vigorous and easily grown.

3 to 4 ft.50	.40
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candida. 6'-8'**Snow Weigela**

Creamy white trumpets try to outnumber the young leaves in May. Vigorous upstanding subject. Cut out old wood.

1½ to 2 ft. ....	.30	.25
2 to 3 ft. ....	.40	.35
3 to 4 ft. ....	.50	.45
4 to 5 ft. ....	.60	.55
5 to 6 ft. ....	.75	.70

— Eva Rathke. 4'-5'**Red Flowering Weigela**

Almost continuously throughout the summer the short branches are covered with reddish carmine blossoms.

1½ to 2 ft. ....	.40	.35	.30
2 to 3 ft. ....	.50	.45	.40
3 to 4 ft. ....	.75	.65	

— Feerie. 6'-8'**Feerie Weigela**

If you plant only one take this which opens a little earlier than Venusta, even more profuse, and a shade lighter.

1½ to 2 ft. ....	.50	.45
2 to 3 ft. ....	.60	.55
3 to 4 ft. ....	.80	.70

— Venusta. 6'-8'**Venus Weigela**

Really an improvement on the old sorts, with large rose trumpet bells just crowded on the long sturdy branches.

1½ to 2 ft. ....	.50	.45
2 to 3 ft. ....	.60	.55
3 to 4 ft. ....	.80	.70

rosea. 6'-8'**Pink Weigela**

After the long term of admirable service should be retired in favor of its lovely daughters. Just as vigorous as any.

2 to 3 ft. ....	.40	.35
3 to 4 ft. ....	.50	.45
4 to 5 ft. ....	.65	.60

WISTERIA

Each Ten Hundred

multijuga. 25'-30'**Longcluster Wisteria**

Properly trained the three foot sprays of purple flowers can never be forgotten. Even in May the fragrance is noteworthy.

3 year, GRAFTS	B. & B.....	1.50
Standards, 3 year heads		6.00

— alba. 25'-30'**White Longcluster Wisteria**

Clusters of white flowers are just as long in this variety.

3 year, GRAFTS	B. & B.....	1.50
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— rosea.**Rosy Longcluster Wisteria**

Similar in every way to type except in color which is a good pink. These are fine heavy flowering specimens.

3 year, GRAFTS	Pots.....	2.00
5 year, 4 to 6 ft.	B. & B.....	4.50
7 to 8 ft. standards, B.&B.		25.00

sinensis. 30'-40'**Chinese Wisteria**

Shorter and therefore more compact sprays of the beautiful lavender-pea blossoms open a little before "Longcluster." That same delectable scent thrills the senses. Single stem "standards" pruned each year.

3 year, GRAFTS	B. & B.....	1.25
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— X —**XANTHOCERAS sorbifolia. 10'****Chinese Buckeye**

Everything about this forgotten shrub is handsome and interesting yet after seventy years it is practically unknown! The broad round bush is generally made up of a few main branches, well divided into smaller laterals which bear the compound dark green glossy foliage. During the latter part of May and early June the striking upright clusters of white flowers, resembling a glorified penstemon, appear. Only those at the top of these nine inch clusters are fertile so that the brown horse chestnut like seeds are sparingly produced. Prefers sun.

2 to 3 ft.	B. & B.....	3.00
3 to 4 ft.	B. & B.....	4.00

— Y —**YUCCA filamentosa. 2'-3'****Adam's Needle**

EVERGREEN. Much abused, poorly used, but withal a handsome exotic when the six foot spikes of creamy nodding bell flowers force attention in July. Try it in masses among dry rocky outcroppings, or in the wide border.

3 year .....	.40	.35	.30
4 year .....	.50	.45	.35

— Z —**ZANTHORHIZA apiifolia. 2'-2½'****Yellow Root**

For under planting with leggy shrubs no better selection could be made. Either in sun or shade, moist or dry places it will quickly spread to form a light ground cover and open its brownish purple flowers. Dislikes lime.

9 to 12 in. ....	.25	.22	.20
12 to 18 in. ....	.35	.30	.25



Herbaceous Perennials

For ten years we have carefully developed a real Perennial department, testing not only novelties, but old varieties, to be sure they will do well with us. Some things prefer certain conditions not possible here, so we contract with specialists who produce the best in those few items, enabling us to offer a collection that, for most garden purposes, is complete.

To fully describe each plant in this limited space was impractical, so this reference chart was designed to help you determine—what, where, and how to use perennials. The chart itself is self-explanatory, and you will notice the “flower spectrum” has been used to indicate color—intermediate colors and shades are signified by careful placement of marking in the color columns.

A separate listing of Ferns (page 117) and Herbs (page 116) seemed more convenient, and to conserve space the quantity prices are computed on a percentage basis as specified in the chart heading.



NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		EA.		
				APRIL	MAY			
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade		July August Sept. Oct.		20% discount on five. 40% discount on twenty-five plants to be of one variety.			
ACHILLEA millefolium roseum. ptarmica Boule de Neige. tomentosa.	Pink Yarrow Ball of Snow Woolly Yarrow		Free flowering		Fern like foliage			
ACONITUM fischeri.	Azure Monkshood		Uncommon native gem		Excellent cut flower			
napellus Spark's Variety	Sparks Monkshood		For back of border		Choice rock plant			
ACTINIA herbacea.	Golden Sun		Free flowering		For back of border			
AETHIONEMA ibericum. genevensis.	Spanish Stonecress		The hardiest variety		Free flowering			
Varley Rose.	Warley Stonecress		Like a wee Daphne		Uncommon native gem			
AJUGA procumbens.	Brockbank Bugle		The best for color		The hardest variety			
ALCHEMILLA alpina.	Carpet Bugle		Rampant ground cover		Attractive carpeter			
ALLIUM flavum minor.	Ladies' Mantle		Glistening foliage		The best for color			
Moly.	Golden Allium		Rare dainty beauty		Rampant ground cover			
schoenoprasum.	Lily Leek		Unusual bulbous species		Glistening foliage			
senescens glaucum.	Twisted Allium		Tasty in salads		Rare dainty beauty			
Thibet.	Tibetian Allium		Very attractive foliage		Unusual bulbous species			
ALTHAEA rosea.	Hollyhock		Tasty in salads		Tasty in salads			
ALYSSUM saxatile citrinum. —compactum. —flore pleno.	Lemon Alyssum		Quaint for Rock Garden		Good for screening			
ANCHUSA italicica Dropmore.	Golden Tuft		Quaint for Rock Garden		Good for screening			
—Opal.	Double Gold Tuft		Soft pastel shade		Popular in Rock Gardens			
myosotidiflora.	Bugloss		Tiny golden buttons		Popular in Rock Gardens			
	Bugloss		Free flowering		Tiny golden buttons			
	See Brunnera		Splendid border plant		Free flowering			
	Now called Brunnera		Splendid border plant		Splendid border plant			

NAME	.HEIGHT (FEET)	COLOR	SEASON	REMARKS			
				Ea.	Oct.	Sept.	Aug.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade						
ANDROSACE Chumbyi.	Rock	Jasmine	D	A	A	A	A
ANEMONE hupehensis splendens.	Hupeh Anemone		A	A	A	A	A
japonica Kriemhilde.	Japanese Anemone		A	A	A	A	A
--Queen Charlotte.	Japanese Anemone		A	A	A	A	A
--September Charm.	Japanese Anemone		A	A	A	A	A
--September Queen.	Japanese Anemone		A	A	A	A	A
--Whirlwind.	Japanese Anemone		A	A	A	A	A
pulsatilla.	Pasque Flower		D	M	M	M	M
sylvestris.	Snowdrop Anemone		D	M	M	M	M
vernalis.	Spring Anemone		A	M	M	M	M
ANGELICA Archangelica.	Angelica		M	D	D	D	D
ANTENNARIA dioica.	Pussytoes		Five	D	D	D	D
ANTHEMIS nobilis.	Camomile		Four	A	A	A	A
tinctoria Perry's variety	Perry's Camomile		Three	A	A	A	A
APHYLLANTHES monspeliensis.	Blue Lily Grass		Two	A	A	A	A
AQUILEGIA alpina.	Alpine Columbine		One	A	A	A	A
caerulea.	Colorado Columbine		Over	A	A	A	A
—helenea.	Helen Columbine		Six	A	A	A	A
canadensis.	American Columbine		Five	A	A	A	A
chrysanthia grandiflora.	Golden Columbine		Four	A	A	A	A
flabellata nana alba.	White Fan Columbine		Three	A	A	A	A
hybrida Dobbies Strain.	Long spurred Hybrid		Two	A	A	A	A
—Crimson Star.	Long spurred Hybrid		One	A	A	A	A
—Pearson's separate shades	Long spurred Hybrid		Over	A	A	A	A



NAME	LOCATION:	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
					APRIL	MAY	
A—Average D—Dry M—Moist	Full Sun Normal Full shade						
AQUILEGIA longissima.	<i>L. spurred Columbine</i>						
pyrenaica.	<i>Pyrenees Columbine</i>						
ARABIS albida.	<i>White Rock Cress</i>						
—flore pleno.	<i>Double Rock Cress</i>						
kellereri.	<i>Kellerer Rock Cress</i>						
Rosa Bella.	<i>Rose Rock Cress</i>						
ARENARIA montana.	<i>Mountain Sandwort</i>						
verna caespitosa.	<i>Moss Sandwort</i>						
—aurea.	<i>Goldmoss Sandwort</i>						
ARTEMISIA absinthium.	<i>Wormwood</i>						
dracunculus.	<i>Tarragon</i>						
frigida.	<i>Mountain Fringe</i>						
Silver King.	<i>Ghost Plant</i>						
ASCLEPIAS tuberosa.	<i>Butterfly Weed</i>						
ASPERULA odorata.	<i>Woodruff</i>						
ASTER Alderman Vokes.	<i>Michaelmas Daisy</i>						
alpinus.	<i>Rock Aster</i>						
Blue Gem.	<i>Michaelmas Daisy</i>						
Charles E. Wilson.	<i>Michaelmas Daisy</i>						
Countess of Dudley.	<i>Dwarf Hybrid</i>						
frikartii.	<i>Frikarts Aster</i>						
Harrington's Pink.	<i>Michaelmas Daisy</i>						
Lady Henry Maddocks.	<i>Dwarf Hybrid</i>						
Little Boy Blue.	<i>Michaelmas Daisy</i>						

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ex.							
				April	May	June	July	August	Sept.	October			
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade												
ASTER Little Pink Lady.			Michaelmas Daisy		.35		Companion to Boy Blue		.35				
Mount Everest.			Michaelmas Daisy		.35		The finest white		.35				
Nancy.			Dwarf Hybrid		.30		Bushy free flowering		.30				
Queen Mary.			Michaelmas Daisy		.30		Large free flowering		.30				
subcaeruleus Wartburg Star.			India Aster		.35		Improved showy variety		.35				
Skyland Queen.			Michaelmas Daisy		.30		Tall shaggy		.30				
Snowsprite.			Dwarf Hybrid		.30		Very low, snowy		.30				
Venus.			Dwarf Hybrid		.30		Well named, pleasing		.30				
Victor.			Dwarf Hybrid		.30		Showy large flowers		.30				
ASTERAGO luteus.			Yellow Aster		.30		Dainty cut flowers		.30				
ASTILBE arendsi Gladstone.			Hybrid Astilbe		.50		Ideal for mixing		.50				
—Gloria.			Hybrid Astilbe		.50		Showy and vigorous		.50				
—Peach Blossom.			Hybrid Astilbe		.50		Delicate, pleasing		.50				
AUBRIETIA deltoidea.			Aubretia		.25		Sheets of bloom		.25				
New Hybrids.			Hybrid Rock Cress		.30		Lively rich shades		.30				
BAPTISIA australis.			Blue Indigo		.30		Bushy, showy spikes		.30				
BELAMCANDA chinensis.			Blackberry Lily		.30		Orange spotted red		.30				
BOULTONIA asteroides.			White Boltonia		.25		Aster like, enormous		.25				
latiflora nana.			D. Pinkray Boltonia		.25		Back of border		.25				
BRUNNERA macrophylla.			Siberian Bugloss		.30		Dainty mass of bloom		.30				
CALAMINTHA alpina.			Alpine Savory		.30		Pretty little Herb		.30				
CAMPANULA barbata.			Bearded Bellflower		.35		Large, hanging bells		.35				
carpathica.			Carpathian Bellflower		.30		Long blooming season		.30				
—White Star.			Carpathian Bellflower		.30		Ideal for edging		.30				

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ex.					
				APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	Ex.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade	Exposure									
CAMPANULA gorganica.	Alpine Bellflower	Soil									
glomerata acaulis.	Danishblood	A									
latifolia macrantha.	Large leaf Bellflower	A									
medium.	Single Canterbury Bells	A									
calycanthema.	Cup and Saucer	A									
persicifolia Humosa.	Double Peach leaf	A									
—Moerheimi.	Double Peach leaf	A									
—Telham Beauty.	Peach leaf Bellflower	A									
portenschlagiana.	Dalmatian Bellflower	A									
poscharskyana.	Serbian Bellflower	A									
pusilla.	Dwarf Bellflower	A									
rotundifolia olympica.	Olympic Harebell	A									
turbinata.	Top Bellflower	A									
CARYOPTERIS incana.	Blue Shirea	D									
CENTAUREA montana.	Cornflower	D									
ruthenica.	Ruthenian Cornflower	A									
CERASTIUM tomentosum.	Snow-in-Summer	D									
CHEIRANTHUS allioni.	Wallflower	A									
CHRYSANTHEMUM Adelaidae.	Garden Hybrid	A									
Amelia Bronze.	Azaleamum	A									
Amelia Pink.	Azaleamum	A									
Apollo.	Korean Hybrid	A									
arcticum.	False Arctic Daisy	A									
Astrid.	Arctic Hybrid	A									



A—Average
D—Dry
M—Moist

20% discount on five.
40% discount on twenty-five
plants to be of one variety.

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		
				Ea.	Oct.	Sept.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade					
CHRYSANTHEMUM Bar. Cumming	Garden Hybrid	Early large yellow	.25			
Caliph.	Korean Hybrid	Double oxblood	.75			
Captain Cook.	Garden Hybrid	Tall pompon	.25			
Ceres.	Korean Hybrid	Chamois yellow	.25			
Daphne.	Korean Hybrid	Single spreading	.25			
Donald Wells.	Garden Hybrid	Single early	.25			
Frances Whittlesey.	Garden Hybrid	Large rich color	.25			
Irene.	Garden Hybrid	Best white pompon	.25			
Joan Piper.	Garden Hybrid	Large single	.25			
Louise Schling.	Korean Hybrid	Single, a favorite	.25			
Maximum Chiffon.	Shasta Daisy	Frilled and shaggy new	.50			
—Diener's Strain.	Shasta Daisy	Large semi-double	.30			
—White Swan.	Shasta Daisy	Double for cutting	.50			
Murillo.	Garden Hybrid	Large shaggy	.25			
October Girl.	Garden Hybrid	Shaggy, deep pink	.25			
Pygmy Gold.	Korean Hybrid	Pompon clear color	.50			
R. Marion Hatton.	Garden Hybrid	Medium free flowering	.25			
Ruth Cumming.	Garden Hybrid	Large shaggy flowers	.25			
Sappho.	Korean Hybrid	Single, charming	.35			
Saturn.	Korean Hybrid	Brilliant sparkling	.25			
Tasiva.	Garden Hybrid	Large shaggy white	.25			
CHRYSOBOLTONIA pulcherrima.	September Daisy	New cut flower	.50			
CHRYSOGONUM virginianum.	Golden Star	Grand round cover	.35			
CIMICIFUGA racemosa.	Bugbane	Lovely woodland plant				

NAME	LOCATION	HEIGHT (FEET)	COLOR	SEASON	REMARKS	EA.
Soil:	A—Average D—Dry M—Moist					
CIMICIFUGA simplex.	Japanese Bugbane	—	White	Exposure	20% discount on five. 40% discount on twenty-five plants to be of one variety.	
CONVALLARIA majalis.	Lily of the Valley	○	White	October	Arching wands, true	1.00
—flore plena.	Dble. Lily of Valley	●	White	September	Popular fragrant, clumps	.40
COREOPSIS auriculata nana.	Dwarf Coreopsis	—	Yellow	July	Wonderful rare form	.75
lanceolata grandiflora.	Big Coreopsis	—	Yellow	August	An easy dwarf	.35
CORNUS canadensis.	Bunchberry	—	Red	September	Popular cut flower	.25
CORONILLA cappadocica.	Crown Vetch	—	Orange	June	Unusual ground cover	.40
CORYDALIS lutea.	Fumitory	—	Yellow	July	Sheets of gold	.35
CYCLAMEN europaeum.	Alpine Sow Bread	—	Pink	August	Fall walls in shade	.35
neapolitanum.	Neopolitan Cyclamen	—	Purple	September	Fragrant, hardy gem	1.00
CYPRIOPEDIUM pubescens.	Lady Slipper	—	Magenta	October	Mottled ivy leaves	1.00
DELPHINIUM Belladonna B.	Grotto. Larkspur	—	White	October	The easiest variety	.75
—Clivedon Beauty.	Larkspur	—	Blue	November	Everblooming dwarf	.30
Bellamous Improved.	Larkspur	—	Blue	December	Ideal for cutting	.25
chinense azureum.	Slender Larkspur	—	Blue	January	Everblooming cut flower	.25
Gold Medal Hybrids.	Hybrid Larkspur	—	Blue	February	Dainty low form	.25
Hybrids Springfield Strain.	Hybrid Larkspur	—	Blue	March	A grand strain	.30
Lamartine.	Formosum Larkspur	—	Blue	April	Selected clumps	.60
DIANTHUS arvensis.	Dwarf Cheddar Pink	—	Blue	May	Free branching habit	.30
Beatrix.	Hybrid Pink	—	Blue	June	Persistent gray mats	.30
deltoides Brilliant.	Maiden Pink	—	Blue	July	Purest salmon pink	.30
Furst Bismarck.	Hybrid Pink	—	Blue	August	Evergreen ground cover	.25
neglectus.	Ice Pink	—	Blue	September	Double, everblooming	.30
plumarius Highland Hybrids.	Grass Pink	—	Blue	October	Choice spiny tufts	.30
					Wonderful color range	.25

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS								
				April	May	June	July	Augst.	Sept.	Octbr.	Novr.	Dec.
Soil: A—Average D—Dry M—Moist!												
Location: Full Sun Normal Full shade	○ ○ ●	Hybrid Pink Roy's Pink Hybrid Pink Dutchman's Breeches Fringed Bleeding Heart Bleeding Heart Gasplant —ruber.	D D D M A M D D									
DIANTHUS Mrs. Sinkins.	Hybrid Pink	Soil	D									
roystii.	Roy's Pink	Over	D									
winteri Mrs. Wormald.	Hybrid Pink	Six	D									
DICENTRA cucullaria	Dutchman's Breeches	Five	M									
eximia.	Fringed Bleeding Heart	Four	A									
spectabilis.	Bleeding Heart	Three	A									
DICTAMNUS albus.	Gasplant	Two	M									
—	Pink Gasplant	One	D									
DIGITALIS alba.	White Foxglove	Two	D									
ambigua Isabellina.	Foxglove	Three	A									
Shirley.	Hybrid Foxglove	Four	A									
DODECATHEON meadia.	Shooting Star	Five	A									
DORONICUM caucasicum.	Leopardbane	Six	A									
excelsum.	Leopardbane	Seven	A									
DOUGLASIA vitaliana.	Gold Androsace	Eight	A									
DRAIBA brunniifolia.	Whitlow Grass	Nine	D									
siberica.	Siberian Whitlow	Ten	A									
DRACOCEPHALUM ruyschiana.	Siberian Dragonhead	Eleven	D									
ECHINACEA purpurea.	Purple Coneflower	Twelve	D									
ECHINOPS ritro.	Globe Thistle	Thirteen	D									
EPIGAEA repens.	Training Arbutus	Fourteen	M									
EPIMEDIUM macranthum niveum.	Barrenwort	Fifteen	A									
—rubrum.	Barrenwort	Sixteen	A									
ERIGERON speciosus mesa grande.	Oregon Fleabane	Seventeen	A									



A—Average
D—Dry
M—Moist!

20% discount on five.
40% discount on twenty-five
plants to be of one variety.

Eq.

30

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NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
				Exposure	Season	
Soil: A—Average D—Dry M—Moist	Location. Full Sun Normal Full shade	○ ●	Mouse-ear <i>Gypsophila</i>			
Oldhamiana.	Rose Baby's Breath	D				
paniculata.	Baby's Breath	D				
—Bristol Fairy.	Double Baby's Breath	D				
repens.	Creeping Gypsophila	D				
—Bodgeri.	Bodger's Gypsophila	D				
HELIUM autumnale superbum.	Helen's Flower	A				
hoopesii.	Hoopes Helium	A				
Riverton Gem.	Bronze Sneezeweed	A				
HELANTHEMUM aureum.	Sunrose	D				
Mrs. Earle.	Sunrose	D				
Rose Queen.	Sunrose	D				
HELIOPSIS scabra zinniflora.	Rough Helopsis	A				
HELEBORUS foetida.	Helebore	A				
niger.	Christmas Rose	A				
HEMEROCALLIS Cressida.	Hybrid Daylily	A				
D. D. Wyman.	Hybrid Daylily	A				
Dr. Regel.	Hybrid Daylily	A				
flava.	Lemon Lily	A				
Golden Dream.	Hybrid Daylily	A				
Gypsy.	Hybrid Daylily	A				
Hyperion.	Hybrid Daylily	A				
J. A. Crawford.	Hybrid Daylily	A				
Kwanso flore pleno.	Tawny Daylily	A				
GYPSOPHILA cerasitoides.	2	2	2	2	2	2
Oldhamiana.	2	2	2	2	2	2
paniculata.	2	2	2	2	2	2
—Bristol Fairy.	2	2	2	2	2	2
repens.	2	2	2	2	2	2
—Bodgeri.	2	2	2	2	2	2
HELIUM autumnale superbum.	2	2	2	2	2	2
hoopesii.	2	2	2	2	2	2
Riverton Gem.	2	2	2	2	2	2
HELANTHEMUM aureum.	2	2	2	2	2	2
Mrs. Earle.	2	2	2	2	2	2
Rose Queen.	2	2	2	2	2	2
HELEBORUS foetida.	2	2	2	2	2	2
niger.	2	2	2	2	2	2
HEMEROCALLIS Cressida.	2	2	2	2	2	2
D. D. Wyman.	2	2	2	2	2	2
Dr. Regel.	2	2	2	2	2	2
flava.	2	2	2	2	2	2
Golden Dream.	2	2	2	2	2	2
Gypsy.	2	2	2	2	2	2
Hyperion.	2	2	2	2	2	2
J. A. Crawford.	2	2	2	2	2	2
Kwanso flore pleno.	2	2	2	2	2	2
GYPSOPHILA cerasitoides.	3.5	3.5	3.5	3.5	3.5	3.5
Oldhamiana.	.25	.25	.25	.25	.25	.25
paniculata.	.25	.25	.25	.25	.25	.25
—Bristol Fairy.	.40	.40	.40	.40	.40	.40
repens.	.25	.25	.25	.25	.25	.25
—Bodgeri.	.30	.30	.30	.30	.30	.30
HELIUM autumnale superbum.	.25	.25	.25	.25	.25	.25
hoopesii.	.30	.30	.30	.30	.30	.30
Riverton Gem.	.30	.30	.30	.30	.30	.30
HELANTHEMUM aureum.	.30	.30	.30	.30	.30	.30
Mrs. Earle.	.30	.30	.30	.30	.30	.30
Rose Queen.	.30	.30	.30	.30	.30	.30
HELEBORUS foetida.	.1.00	.1.00	.1.00	.1.00	.1.00	.1.00
niger.	.1.00	.1.00	.1.00	.1.00	.1.00	.1.00
HEMEROCALLIS Cressida.	.75	.75	.75	.75	.75	.75
D. D. Wyman.	.75	.75	.75	.75	.75	.75
Dr. Regel.	.30	.30	.30	.30	.30	.30
flava.	.30	.30	.30	.30	.30	.30
Golden Dream.	.75	.75	.75	.75	.75	.75
Gypsy.	.75	.75	.75	.75	.75	.75
Hyperion.	1.00	1.00	1.00	1.00	1.00	1.00
J. A. Crawford.	.75	.75	.75	.75	.75	.75
Kwanso flore pleno.	.60	.60	.60	.60	.60	.60

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS	Ea.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade				
					
HEMEROCALLIS Lemonia. minor.	Hybrid Daylily	Yellow	July	20% discount on five. 40% discount on twenty-five plants to be of one variety.	.75
Mrs. W. H. Wyman.	Hybrid Daylily	Yellow	July	Narrow foliage, rare	.50
Ophir.	Hybrid Daylily	Yellow	July	The latest flowering	.75
HEPATICA triloba.	Three lobe Hepatica	White	February	One of the finest	.75
HESPERIS matronalis. —nana candidissima.	Dames Rocket	White	March	Charming native	.25
HEUCHERA brizoides gracillima. sanguinea Perry's White.	White Rocket	White	March	Scented flowers	.25
—Pluie de Feu.	Pinkbells	Pink	March	Striking large leaves	.25
—Rosamonde.	White Coralbells	White	March	Graceful for cutting	.30
HIBISCUS moscheutos.	Crimson Bells	Red	March	Strong growing, lovely	.30
HIERACIUM bombycinum.	Pink Bells	Pink	March	Deepest red, grand	.35
HOSTA caerulea (FUNKIA) fortunei.	Common Rosemalow	White	March	Large flowers, fine	.30
plantaginea grandiflora. —minor.	Hawkweed	Yellow	March	For moist or dry place	.25
variegata.	Blue Plantainlily	Blue	March	Silver fuzzy leaves	.35
HYPERICUM moserianum. olympicum.	Fortune Plantainlily	Yellow	March	Ideal for shade	.25
HYSSOPUS officinalis.	Big Plantainlily	Yellow	March	Huge glaucus leaves	.50
IBERIS saxatilis. sempervirens.	Dwarf Plantainlily	Yellow	March	Bold foliage plant	.50
—Little Gem.	Varigated Plantainlily	Yellow	March	Rare low form	.35
	Goldflower	Yellow	March	Popular edging plant	.30
	Olympic Goldflower	Yellow	March	Evergreen if sheltered	.50
	Hysop	Yellow	March	Huge golden suns	.30
	Rock Candytuft	White	March	Aromatic Herb	.25
	Candytuft	White	March	The lowest species	.35
	Dwarf Candytuft	White	March	Evergreen indispensable	.25
				Evergreen box-like tufts	.30

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
				Exposure	Location:	
Soil: A—Average D—Dry M—Moist;				○	Full Sun	20%
				○	Normal	40%
				●	Full shade	plants to be of one variety.
IBERIS sempervirens Snowflake.		Snowflake Candytuft				
INULA royleana.		Inula		△	Soil	
IRIS arenaria.		Sand Iris		D		
chrysographes.		Goldvein Iris		M		
crisitata.		Crested Iris		M		
—alba.		Crested Iris		M		
dichotoma.		Vesper Iris		D		
forrestii.		Yunnan Iris		M		
germanica Alcazar.		German Iris		D		
—Alta Californica.		German Iris		D		
—Ambassadeur.		German Iris		D		
—Autumn King.		German Iris		A		
—Autumn Queen.		German Iris		A		
—Blue Velvet.		German Iris		D		
—Frieda Mohr.		German Iris		D		
—Grace Sturtevant.		German Iris		D		
—Indian Chief.		German Iris		D		
—Jean Siret.		German Iris		A		
—Pink Satin.		German Iris		D		
—Pluie d'or		German Iris		D		
—Princess Beatrice.		German Iris		D		
—Red Elf		German Iris		D		
—Sensation.		German Iris		D		
—Souv de Mme Gaudichau		German Iris		D		

NAME	LOCATION.	HEIGHT (FEET)	COLOR	SEASON	REMARKS	
					EXPOSURE	EQ.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade				20% discount on five. 40% discount on twenty-five plants to be of one variety.	
IRIS germanica Shasta.	German Iris	D	White	July	Large, glorious white	.50
—Tokay.	German Iris	D	White	August	With yellow throat	.75
—Wedgewood.	German Iris	D	White	September	After the famous China	.25
gracilipes.	Slender Iris	M	Yellow	October	Grassy foliage, dainty	.50
kaempferi Gold Bound.	Japanese Iris	M	Purple	November	Double, gold bands	.50
—Mahogany.	Japanese Iris	M	Purple	December	Huge velvety flowers	.50
—Pink Pearl.	Japanese Iris	M	Purple	January	Iridescent, lovely	.50
—Pyramid.	Japanese Iris	M	Purple	February	Large showy, double	.50
—Queen of the Blues.	Japanese Iris	A	Red	March	Delft blue, lovely	.50
Pumila atrovirens.	Pygmy Iris	A	Red	April	Earliest, extremely pretty	.25
—caerulea.	Pygmy Iris	A	Red	May	Softest sky blue	.25
—cyanæa.	Pygmy Iris	A	Red	June	Fragrant large flowers	.25
—excelsa.	Pygmy Iris	A	Red	July	Vigorous grower	.20
—Gold Finch.	Pygmy Iris	A	Red	August	Our own raising	1.00
—Puck.	Pygmy Iris	A	Red	September	Rich velvety maroon	.50
—Schneecuppe.	Pygmy Iris	A	Red	October	Snowcap, greenish falls	.20
siberica.	Siberian Iris	M	Red	November	Border or streamside	.25
—Perry's Blue.	Siberian Iris	M	Red	December	Clear color, likes moisture	.30
—Snow Queen.	Siberian Iris	M	Red	January	Crowds of snowy flowers	.30
sintensis.	Balkan Iris	A	Red	February	Tuft grass-like habit	.50
tectorum.	Japanese Roof Iris	A	Red	March	Large blooms, dry place	.30
—album.	Japanese Roof Iris	D	Red	April	Rare and lovely form	.50
tenax.	Oregon Iris	D	Red	May	Various colors	.35
verna.	Spring Iris	A	Red	June	One of the loveliest	.35

NAME	LOCATION:	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
					Full Sun	Normal shade	
Soil: A—Average D—Dry M—Moist	Location: ○ Full Sun ● Normal shade ■ Full shade						
JEFFERSONIA diphylla.	Twinleaf	M	White	July	Exposure	White	30
KNIPHOFIA rufa.	Early Torchblily	D	Red	August	October	Brilliant, showy	.50
uvaria pfitzeriana.	Bonfire Torchblily	D	Orange	September	October	Fragrant and beautiful	.30
LAVANDULA vera.	Lavender	D	Yellow	June	July	For linen drawer	.30
—Munsted Variety.	Dwarf Lavender	D	Yellow	July	August	Of Swiss romance	.30
LEONTOPodium alpinum.	Common Edelweiss	D	Pink	July	August	Showy spikes, cutting	.25
LIATRIS pycnostachya.	Cattail Gayfeather	D	White	July	August	New fine cut flower	.75
scariosa alba.	White Gayfeather	D	White	July	August	Home raised bulbs	.30
LILIUM philippinense formosanum.	Wonder Lily	A	Blue	July	August	The best garden lily	.25
regale.	Regal Lily	A	Purple	July	August	Bright and graceful	.25
tenuefolium.	Coral Lily	A	Magenta	July	August	Cut flower for drying	.30
LIMONIUM latifolium dumosa.	Sea-Lavender	A	Red	July	August	Low carpeter, shade	.30
LINARIA acutiriloba.	Lobefall Toadflax	M	Red	July	August	Quaint paving plant	.30
hepaticaeifolia.	Liverleaf Toadflax	M	Red	July	August	Dainty evergreen cover	.30
LINNAEA borealis americana.	Twin Flower	M	Red	July	August	Shrubby plant, bright	.30
LINUM flavum.	Golden Flax	M	Red	July	August	Deepest blue, large	.30
carbonnense.	Narbonne Flax	A	Red	July	August	Clouds of flowers	.25
perenne.	Blue Perennial Flax	A	Red	July	August	Grass-like ground cover	.30
LIRIOPE graminifolium.	Snakebeard	A	Red	July	August	Low, shrubby evergreen	.75
LITHOSPERMUM prostratum.	Gromwell	A	Red	July	August	For moist place	.25
LOBELIA cardinalis.	Cardinal Flower	M	Red	July	August	* Evergreen mats, double	.30
LOTUS corniculatus fl. pl.	Birdsfoot Trefoil	D	Red	July	August	Popular border plants	.35
LUPINUS polyphyllus.	Blue Lupine	A	Red	July	August	Well drained soil	.35
—albiflorus.	White Lupine	A	Red	July	August		

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS	
				EA.	Oct.-Sept.
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade			20% discount on five. 40% discount on twenty-five plants to be of one variety.	
LUPINUS polyphyllus Moerheimi.	Moerheim Lupine	A	.35	Heavy spikes, good	
—Russell Hybrids.	New Hybrid	A	.75	Sensational new strain	
LYCHNIS viscaria splendens fl.-pl. Catchfly	Catchfly	A	.35	Striking, cut flower	
LYCORIS squamigera.	Hardy Amaryllis	A	1.00	Plant between low shrubs	
LYTHRUM salicaria roseum.	Rose Loose-strife	M	.30	Strong bushy grower	
MARRUBIUM vulgare.	Hoarhound	D	.25	Herb, for candy	
MAZUS rugosus.	Mazus	M	.25	Ground cover, charming	
MELISSA officinalis.	Balm	A	.25	Lemon scented Herb	
MENTHA pulegium.	Pennyroyal	M	.25	Low trailing Mint	
requieni.	Creeping Mint	A	.35	Refreshing fragrance	
rotundifolia.	Apple Mint	M	.30	The prettiest Mint	
spicata.	Spearmint	M	.25	Herb, for cordials	
MERTENSIA virginica.	Virginia Bluebell	A	.25	Fine for naturalizing	
MITCHELLA repens.	Partridge Berry	M	.25	Evergreen cover, shade	
MONARDIA Cambridge Scarlet	Beebalm	M	.25	Herb, showy for border	
MUEHLENBECKIA nana.	Dwarf Wirevine	A	.50	Wiry evergreen cover	
MYOSOTIS Pearl of Ronnenberg.	Forget-Me-Not	M	.25	Everblooming, moist place	
MYRRHIS odorata.	Sweet Cecily	A	.35	Myrrh for fragrance	
NEPETA mussini.	Catnip	D	.25	Cover for walls, banks	
Six Hills Giant.	Giant Catnip	D	.30	Erect form, cutting	
NIEREMBERGIA rivularis.	Whitecup	M	.25	Low mats aye in bloom	
OENOTHERA speciosa.	White Sundrops	D	.25	Scented large flowers	
fruticosa youngii.	Evening Sundrops	M	.25	Bright, long season	
OMPHALODES verna.	Navelwort	A	.30	Like Forget-me-not, shade	

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
				APRIL	OCTOBER	
	Location: Full Sun Normal Full shade	White				
A—Average D—Dry M—Moist	—variegata.	White				
OPHIOPOGON jaburan.	Snakesbeard	White				
—variegata.	Snakesbeard	White				
ORGANUM dictamnus.	True Dittany	White				
majorana.	Sweet Marjoram	White				
onites.	Pot Marjoram	White				
PACHYSANDRA terminalis.	Japanese Spurge	White				
PAEONIA Baronesse Schroeder.	Peony	White				
Edulis superba.	Peony	White				
Eugene Verdier	Peony	White				
Festiva maxima.	Peony	White				
Karl Rosenfield.	Peony	White				
Martin Cahuzac.	Peony	White				
Sarah Bernhardt.	Peony	White				
Solange.	Peony	White				
Therese.	Peony	White				
PAPAVER nudicaule gartef.	Iceland Poppy	White				
orientale Beauty of Livermere.	Oriental Poppy	White				
—Jeannie Mawson.	Oriental Poppy	White				
—Mrs. Perry	Oriental Poppy	White				
—Olympiad.	Oriental Poppy	White				
—Perry's White.	Oriental Poppy	White				
PELAGONIUM crispum.	Scented Geranium	White				
PENTSTEMON barb. Pink Beauty.	Pink Beard Tongue	White				
PHLOX Arendsi Louise.	Arends Phlox	White				
		20% discount on five. 40% discount on twenty-five plants to be of one variety.				

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS		Ea.
				Exposure	Month	
Soil:						
A—Average	○	Location:	Garden Phlox	Tall, large, a favorite	.25	
D—Dry	○	Full Sun	Garden Phlox	Vinous red, huge trusses	.25	
M—Moist	●	Normal	Garden Phlox	Bluest, large florets	.30	
		Full shade	Garden Phlox	Largest flower, deep eye	.30	
PHLOX decussata Attraction.	One	White	Garden Phlox	Medium height lovely color	.25	
—B. Comte.	Two	Pink	Garden Phlox	Improved Deutchland	.25	
—Caroline Vandenbergh.	Three	Red	Garden Phlox	Pyramidal trusses non fading	.30	
—Daily Sketch.	Four	Orange	Garden Phlox	Softest clear pink	.30	
—Enchantress.	Five	Yellow	Garden Phlox	Beautiful in evening	.25	
—Karl Foerster.	Six	White	Garden Phlox	Still one of the best	.25	
—Leo Schlageter.	Seven	Purple	Garden Phlox	Lavender in effect	.25	
—Lilian.	Eight	Magenta	Garden Phlox	Fragrant carpeting plant	.20	
—Mrs. Jenkins.	Nine	Blue	Garden Phlox	Vigorous, sheets of white	.20	
—Rheinlander.	Ten	White	Garden Phlox	Compact evergreen mats	.25	
—Wanadis.	Eleven	White	Garden Phlox	New, glistening lge. flowers	.60	
divaricata.	Twelve	Blue Phlox	Blue Phlox	Compact neat grower	.25	
subulata alba.	Thirteen	Moss Pink	White Moss Pink	Evergreen, neat spiny foliage	.25	
—Blue Hills.	Fourteen	Moss Pink	Moss Pink	Training lilac heads	.30	
—Camaicensis.	Fifteen	Nelson's Moss Pink	Nelson's Moss Pink	Shiny foliage, long season	.25	
—Nelsoni.	Sixteen	Rosy Moss Pink	Rosy Moss Pink	Compact, lively color	.25	
—Vivid.	Seventeen	Creeping Phlox	Glossy Phlox	Rounded flower heads	.35	
stolonifera.	Eighteen	Miss Lingard.	Vivid Dragonhead	Long season, delightful	.25	
suffruticosa	Nineteen	Physostegia Vivid.	Horned Rampion	Large flowers, showy	.25	
PHYSOSTEGIA virginiana Vivid.	Twenty	Phytium scheuereri.	Balloon Flower	Dwarf form, long season	.25	
PHYTEUMA grandiflorum.	Twenty-one	Platycodon grandiflorum.	White Balloon Flower	Mariesi.	.25	
—album.	Twenty-two	—	Marie's Balloon Flower			

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS			
				Ea.	Sept.	Oct.	November
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade			20% discount on five. 40% discount on twenty-five plants to be of one variety.			
PLUMBAGO <i>larpentae.</i>	Blue Leadwort	D		Indispensable for late flowers .25			
POLYMONIUM <i>humile.</i>	Jacob's Ladder	A		Charming feathery leaves .30			
repants.	Creeping Polemonium	A		Grand green ground cover .25			
POLYGALA <i>chamaebuxus.</i>	Box Milkwort	A		Evergreen shrublet, rare .75			
vayredae.	Milkwort	A		Small evergreen leaves, rare .75			
POTENTILLA <i>nepalensis</i> Willmott.	Hybrid Cinquefoil	A		Straggly grower, bright .30			
<i>rupestris</i> Pygmaea.	Low Cinquefoil	A		Satin flowers, neat habit .35			
<i>tonguei.</i>	Divided Cinquefoil	A		Trailing stems, everblooming! .35			
<i>tridentata.</i>	Wineleaf Cinquefoil	M		Glossy green ground cover .50			
<i>verna</i> nona.	Spring Cinquefoil	A		Bright, valuable Rock plant .30			
<i>Warensi.</i>	Warens' Cinquefoil	A		Clouds of gold "Butterflies" .30			
PRIMULA <i>acaulis.</i>	English Primrose	A		Fragrant, earliest Spring .25			
—Blue Shades.	Blue Primrose	M		Some lovely shades .50			
—Teicher's Giants.	Hybrid Primrose	M		Rich lively shades, large .40			
<i>cachemiriana.</i>	Kashmir Primrose	M		Earliest, rounded heads .30			
<i>cortusoides.</i>	Bigleaf Primrose	M		Slender stems, grand thing .30			
<i>denticulata</i> alba.	Himalaya Primrose	M		Round heads, very showy .35			
<i>frondosa.</i>	Leafy Primrose	A		Charming wee rock plant .35			
<i>polyanthus</i> Munsted.	Polyantha Primrose	A		Light shades, very free .30			
—Six Hills.	Elliott Polyantha	A		Deep rich shades .35			
sieboldii.	Siebold's Primrose	A		Huge blossoms, easy .75			
Wanda.	Juliana Primrose	M		Bright, low, cool corner .50			
<i>veris duplex.</i>	Hose-in-Hose Primrose	A		Old garden favorite .50			
—Kleyni.	Hybrid Primrose	M		Deep chrome large flowers .50			

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS			Ex.
				APRIL	MAY	JUNE	
Soil:							
A—Average	One	White					
D—Dry	Two	Blue					
M—Moist	Three	Purple					
	Four	Magenta					
	Five	Orange					
	Six	Yellow					
	Seven	White					
	Eight	Red					
	Nine	Pink					
	Ten	Magenta					
	Eleven	Blue					
	Twelve	Purple					
	Thirteen	Magenta					
	Fourteen	Yellow					
	Fifteen	White					
	Sixteen	Red					
	Seventeen	Pink					
	Eighteen	Magenta					
	Nineteen	Blue					
	Twenty	Purple					
	Twenty-one	Magenta					
	Twenty-two	Yellow					
	Twenty-three	White					
	Twenty-four	Red					
	Twenty-five	Pink					
	Twenty-six	Magenta					
	Twenty-seven	Blue					
	Twenty-eight	Purple					
	Twenty-nine	Magenta					
	Thirty	Yellow					
	Thirty-one	White					
	Thirty-two	Red					
	Thirty-three	Pink					
	Thirty-four	Magenta					
	Thirty-five	Blue					
	Thirty-six	Purple					
	Thirty-seven	Magenta					
	Thirty-eight	Yellow					
	Thirty-nine	White					
	Forty	Red					
	Forty-one	Pink					
	Forty-two	Magenta					
	Forty-three	Blue					
	Forty-four	Purple					
	Forty-five	Magenta					
	Forty-six	Yellow					
	Forty-seven	White					
	Forty-eight	Red					
	Forty-nine	Pink					
	Forty-ten	Magenta					
	Forty-one	Blue					
	Forty-two	Purple					
	Forty-three	Magenta					
	Forty-four	Yellow					
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	Forty-three	Yellow					
	Forty-four	White					
	Forty-five	Red	</td				

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS			Ea.
				APRIL	MAY	JUNE	
Soil: A—Average D—Dry M—Moist							
SEDUM acre.	Location: Full Sun Normal Full shade	Goldmoss Dwarf Goldmoss	D	For dry hot places	.20		
—minus.		White Stonecrop	D	Tight green carpeter	.20		
album.		English Stonecrop	D	Useful ground cover	.20		
anglicum minus.		Grayleaf Stonecrop	D	Tiny carpeter, paving	.20		
anopetalum.		Lacy Stonecrop	D	Gray, spreading, neat	.25		
dasyphyllum.		Orange Stonecrop	D	Like frosted silver grit	.25		
kamtschaticum.		Nevi Stonecrop	A	Attractive green foliage	.25		
nevi (true).		Stringy Stonecrop	A	Neat habit, gray leaves	.25		
sarmentosum.		Siebold Stonecrop	A	Green ground cover, shade	.20		
sieboldii.		Snowy Stonecrop	D	Best lowering variety	.30		
spectabile Brilliant.		False Stonecrop	D	Gray waxy leaves, snowy	.25		
spurium.		False Stonecrop	A	Cover, bronze in winter	.20		
SEMIAQUILEGIA adoxoides		Japanese Columbine	M	Quaint, rare, beautiful	.60		
SEMPERVIVUM Asst. Named Var.		Houseleek	D	Many attractive species	.25		
SHORTIA galacifolia.		Oconee-Bells	M	Glazed leaves, evergreen	.60		
SILENE acaulis.		Moss Campion	D	Tight st green moss	.30		
alpestris.		Alpine Catchfly	A	Dainty, choice rock plant	.25		
schafta.		Schafra Catchfly	A	Valuable for late flowers	.25		
Wherryi.		Wherry Catchfly	A	Charming, beautiful soft color	.60		
SIUM sisyrinchium.		Skirret	D	Herb used in salads	.25		
STATICHEMISPERMUM armeria alba.		White Thrift	D	Green hummocks, good	.25		
—laucheania.		Thrift	A	Very showy evergreen tufts	.25		
Six Hills Hybrid.		Dwarf Thrift	D	Choice, neat tuffy habit	.50		
pseudo-armeria Bees Ruby		False Thrift	A	Showy long stems, cutting	.30		

NAME	LOCATION:	HEIGHT (FEET)	COLOR	SEASON	REMARKS		EX.
					APRIL	MAY	
Soil: A—Average D—Dry M—Moist	= Full Sun Normal Full shade	○ ● ●	Exposure White Yellow Orange Red Pink White Blue Purple Magenta Magenta Red White Soil Over Six Five Four Three Two One One Two Three Four Five Six Over	Large showy flowers, cutting .30 Everblooming, choice plant .35 Attractive ferny Herb .25 Ideal dwarf hedge .35 Beautiful foliage plant .25 Airy fluffy flowers, cutting .30 Light airy and graceful .35 Attractive foliage, Herb .25 Herb Gard., Rock Gard., walls .25 Green, Caraway scent .30 Choice, very neat habit .30 Small erect shrublet .30 For carpeting, Herb or Rock .25 Blaze of color, evergreen .25 Silvery, low carpeter .25 Evergreen, edging plant .25 Uncommon, quaint, pretty .35 Early, pretty woodlander .25 Very effective border .35 Long season, free flowering .35 Valuable, late summer .30 Spreading mats, hardy .25 Dazzling, brilliant tender .35 Like striped rock candy .35	20% discount on five. 40% discount on twenty-five plants to be of one variety.	Ea.	
STOKESIA <i>lilacina grandiflora.</i>	<i>Stoke's Aster.</i>						
STYLOPHORUM <i>diphyllum.</i>	<i>Celandine Poppy</i>						
TANACETUM <i>crispum.</i>	<i>Tansy</i>						
TEUCRIUM <i>chamaedrys.</i>	<i>Chamaedrys Germaner</i>						
THALICTRUM <i>adictyonifolium.</i>	<i>Maidenhair Meadow Rue</i>						
<i>aculeigefolium.</i>							
<i>dipterocarpum.</i>							
THYMUS <i>argentatus.</i>	<i>Silver Thyme</i>	D					
<i>citriodorus aureus.</i>	<i>Lemon Scented Thyme</i>	D					
<i>herba barona.</i>	<i>Herb Scented Thyme</i>	D					
<i>Marshalli.</i>	<i>Marshall Thyme</i>	D					
<i>nitidus.</i>	<i>Shining Thyme</i>	D					
<i>serpyllum albus.</i>	<i>White Thyme</i>	D					
<i>—coccineus.</i>	<i>Scarlet Thyme</i>	D					
<i>—canuginosus.</i>	<i>Woolly Thyme</i>	D					
<i>vulgaris.</i>	<i>Common Thyme</i>	D					
TRICYRTIS <i>hirta.</i>	<i>Toad Lily</i>	M					
TRILLIUM <i>grandiflorum.</i>	<i>Snow Trillium</i>	M					
TROLLIUS <i>europeus.</i>	<i>Globe Flower</i>	M					
<i>ledeborii</i> <i>Golden Queen.</i>	<i>Globe Flower</i>	M					
TUNICA <i>saxifraga flore pleno.</i>	<i>Double Tunic Flower</i>	A					
VERBENA <i>canadensis.</i>	<i>Canada Verbena</i>	A					
<i>peruviana.</i>	<i>Peru Verbena</i>	D					
<i>puellae maonetti.</i>	<i>Pretty Verbena</i>	D					

NAME	HEIGHT (FEET)	COLOR	SEASON	REMARKS	Ea.
					April May June July August Sept. October
Soil: A—Average D—Dry M—Moist	Location: Full Sun Normal Full shade				
VERONICA armenia. filiformis.	Armenian Speedwell Bird's-eye	White	Low fuzzy growth	.30	
gentianoides incana.	Gentian Speedwell Woolly Speedwell	Yellow	Rampant green carpeter	.25	
longifolia subsessilis.	Clump Speedwell	Orange	Handsome foliage	.30	
pedunculata. repens.	Stem Speedwell Creeping Speedwell	Red	Gray foliage, neat habit	.25	
spicata.	Spike Speedwell	Pink	Valuable, late border plant	.35	
teucrium dubia	Heavenly Blue. Hungarian Speedwell	White	Spreading habit, good	.30	
—nana.	Dwarf Rock Speedwell	Blue	For paving, cool position	.25	
—rosea.	Hungarian Speedwell	White	Low growth, pretty flowers	.25	
—Royal Blue.	Royal Blue Speedwell	White	Evergreen carpeter, showy	.25	
trehani.	Trehan Speedwell	White	Richest blue, very low	.35	
VINCA minor.	Periwinkle	White	Mats of green foliage	.25	
—alba.	White Periwinkle	White	Charming free form	.30	
Bowles Variety.	Bowles' Periwinkle	White	Pretty golden foliage	.25	
—rubra flore plena.	Double Periwinkle	White	Evergreen ground cover	.20	
VIOLA cornuta Apricot.	Apricot Viola	Yellow	Evergreen, refreshing change	.25	
—Jersey Gem.	Jersey Gem Viola	Yellow	Finest variety, lge. flowers	.30	
odorata Double Russian.	Sweet Violet	Yellow	Rare, reddish buttons	.35	
—rosina.	Sweet Violet	Yellow	Lovely shade, edging	.20	
pedata bicolor.	Birdsfoot Violet	Yellow	Still about the best	.25	
—linearioloba.	Birdsfoot Violet	Yellow	Fully double, hardy	.30	
Purple Glory.	Hybrid Viola	Yellow	Very sweet and lovely	.30	
			Always in flower	.25	
			Full sun and sandy soil	.25	
			Very large flowers	.30	



List of Herbs

Herbal Name	Botanical Name	Use	Each
Alpine Savory	Satureia alpino	Seosoning	\$.25
Angelico	Angelico Archongelico	Soups	.25
Apple Mint	Mentho rotunditolia	Julep	.30
Bolm	Melissa officinolis	Solods	.25
Beebalm	Monordo didymo	Frogronce	.25
Burnet	Sanguisorbia canadensis	Flovor	.25
Betony (big)	Stochys grandifloro	Medicinol	.25
Betony (Woolly)	Stochys lontono	Purgotive	.25
Colomintho	Calamintho olpino	Seosoning	.30
Camomile	Anthemis nobilis	Tonic	.25
Cat nip	Nepeta mussini	Cots	.25
Chive	Allium schoenoprosum	Solods, Soups	.25
Clary	Solvia sclorea	Seasoning	.25
Creeping Mint	Mentha requieni	Drinks	.35
Costmory	Chrysonthemum bolsomito	Medicinol	.35
Cowslip	Primula veris	Flavor wines	.30
Dittony	Origonom Dictomnus	Medicinol	.75
Elecampane	Inulo helenium	Medicinal	.30
Fennel	Foeniculum vulgore	Garnishing	.25
Gorden Heliotrope	Voleriono officinolis	Nervousness	.25
Germonder	Teucrium chomaedrys	Medicinal	.35
Greek Volerian	Polemonium caeruleum	Medicinol	.25
Hoarhound	Marrubium vulgore	Colds	.25
Hyssop	Hyssopus officinolis	Aromatic	.25
Lavender	Lavendulo vero	Frogronce	.30
Lovender dwarf	Lovondulo munsted	Knot gordens	.30
Lavender cotton	Sontolina incono	Aromatic	.30
Lovoge	Levisticum officinole	Aromatic roots	.25
Morjoram (pot)	Origanum onites	Seosoning	.25
Meadow Soge	Salvio protensis	Seasoning	.25
Porsley	Petroselinum hortense	Flovoring	.20
Pennyroyol	Mentho pulegium	Seasoning	.25
Peppermint	Mentho piperita	Drinks	.25
Rosemary	Rosmorinus officinolis	Heodoches	.30
Romon Wormwood	Artemisio pontico	Tonic	.30
Rue	Ruto graveolens	Garnish, Soup	.25
Soge	Solvio officinolis	Flovoring	.25
Sontolino green	Sontolino viridis	Knot gordens	.35
Savory (winter)	Sotureio montano	Seosoning	.25
Senno	Cassio morilandico	Medicinol	.30
Scented Geronium	Pelagonium crispum	Finger bowls	.30
Skirret	Sium sisorum	Salads	.25
Snoke root	Cimicifugo rocemosa	Snake bite	.30
Sorrel	Rumex scutatus	Solods	.25
Southernwood	Artemisia abrotонum	Moths	.30
Sow bread	Cyclamen europoeum	Medicinal	1.00
Speormint	Mentho spicato	Flovoring	.25
Sweet Cecily	Mhyrris odoroto	Mhyrr-Perfume	.35
Sweetflag	Acorus calamus	Aromatic	.25
Sweet Morjoram	Origonom majorono	Flovoring	.25
Sweet Woodruff	Asperulo odorato	Punch	.30
Sweet Violet	Violo odoroto	Perfume	.30
Tansy	Tonocetum crispum	Flavoring	.25
Tarragon	Artemisia drocunculus	Pickles	.30
Thoroughwort	Eupatorium urticaefolium	Medicinol	.30
Thyme (common)	Thymus vulgaris	Seasoning	.25
Thyme (citron)	Thymus citriodorus	Seasoning	.25
Thyme, vorious,	See main list	Seasoning	.25
Wild Ginger	Asorum canadense	Spice	.35
Woolly Yarrow	Achillea tomentosum	Aromatic	.30
Wormwood	Artemisia absinthium	Vermifuge	.25

Annual Herbs

Which Should Be Raised from Seed Sown in Spring

Anise	Pimpinello onisum	Cordials
Bosil	Ocimum basilicum	Flavoring
Boroge	Borogo officinolis	Cordiols—salads
Carowoy	Carum carvi	Flovoring pastries
Coriander	Coriandrum sotivum	Candies—Gin
Dill	Anthum graveolens	Pickles—souces
Savory, Summer	Sotureio hortensis	Soups—stews

Hardy Ferns

	Each	Ten	Hundred	
				Maidenhair
ADIANTUM pedatum. Airy, graceful, shade	.35	.30	.24	
ASPLENIUM platyneuron. Erect fronds up to 12"	.35	.30	.24	Ebony Spleenwort
trichomanes. Small, dainty for cliffs	.35	.30	.24	Maidenhair Spleenwort
ATHYRIUM felix femina. Grand for shady corner	.35	.30	.24	Lady Fern
goringianum. Soft deep green, rare	.35	.30	.24	Goring Spleenwort
—pictum. Mottled foliage, choice	.50	.45	.36	Mottled Spleenwort
CAMPTOSORUS rhizophyllus. Quaint little cliff dweller	.35	.30	.24	Walking Fern
OSMUNDA cinnamomea. Vigorous grower	.35	.30	.24	Cinnamon Fern
POLYPODIUM virginianum. For rocks, cliffs, walls	.35	.30	.24	Rockcap Fern
POLYSTICHUM acrostichoides. Evergreen ground cover	.35	.30	.24	Christmas Fern
WOODSIA obtusa. Feathery fronds, useful	.35	.30	.24	Cliff Fern

Fertilizers

Agrico for Trees and Shrubs	100 lbs., \$4.00; Ton lots, \$70.00
Alumina Sulphate	50 lbs., \$2.25; 200 lbs., \$7.40
Driconure	3½ bu. bag, \$2.50; 10 bag lots, \$2.25 per bag
Groleaf 6-6-5	10 lbs., \$.60; 25 lbs., \$1.40 100 lbs., \$5.00; Ton lots, \$80.00
Humus best grade	100 lbs., \$1.25; Ton lots, \$18.00
Leaf Mold	3-bu. bag, \$2.50; Ton lots, \$35.00
Lime—Hydrated	100 lbs., \$2.00; Ton lots, \$35.00
Muriate of Potash	100 lbs., \$4.00; Ton lots, \$65.00
Nitrate of Soda	100 lbs., \$3.50; Ton lots, \$60.00
Peat Moss	1 bale, \$3.00; 10 bale lots, \$2.70 per bale
Pure Raw Bone	100 lbs., \$3.50; Ton lots, \$60.00
Sheep Manure	100 lbs., \$3.15; Ton lots, \$55.00
Soil Sponge (peat)	100 lbs., \$1.25; Ton lots, \$18.00
Superphosphate, 20%	100 lbs., \$2.25; Ton lots, \$27.50
Sulphate of Ammonia	100 lbs., \$3.50; Ton lots, \$60.00
Vigoro	100 lbs., \$4.00

Insecticides

Arsenate of lead	4 lb. pkgs., 23c lb.; 96 lb. lots, 20c lb.
Black Leaf 40	2 lb. tins, \$3.25; 10 lb. tins, \$10.60
Bordeaux Mixture	4 lb. pkgs., 22c lb.; 96 lb. lots, 18c lb.
Bor-Tox	2 oz. tubes, 75c; 1 lb. cans, \$2.50
Casein Spreader	1 lb. pkgs., 22c lb.; 100 lb. lots, 20c lb.
Dry Lime Sulphur	50 lb. lots, \$8.50; 200 lb. lots, \$29.00
Dusting Sulphur	5 lb. pkgs., 75c; 100 lbs., \$7.00
Lime Sulphur Solution	1 gallon, \$1.00; 5 gallons, \$3.50
Tobacco dust 1%	100 lbs., \$4.85
Tree Wound Dressing	1 gallon, \$2.00; 5 gallons, \$7.50
Wilson's O.K. Plant Spray	1 gallon, \$3.00; 5 gallons \$12.00
Wilson's Scale-O	1 gallon, \$2.00; 5 gallons, \$9.00

Mulching Table

1 cubic yard will cover approximately:

100 square feet to a thickness of 3 inches
150 square feet to a thickness of 2 inches
300 square feet to a thickness of 1 inch

1 bale of Peat will cover:

300 square feet to a thickness of 1 inch

1 cubic yard of Cow Manure will fertilize:

30 trees or 60 shrubs of average nursery size



No magic touch has created those velvety carpets you often envy. Their perennial beauty, always so fresh looking, is the result of annual treatments with a health building food and seed of fine bladed, everlasting grasses. Here are the things that will keep the sparkling look of Spring in your lawn . . .

SCOTT'S REGULAR MIXTURE

For sunny lawns. Produces bright green turf for deep rooting perennial grasses. Contains creeping bent for finer texture and thicker growth. Can be sown thinner than ordinary seed because the chaff is removed.

1 lbs.	\$.60	10 lbs.	\$ 5.25
3 lbs.	1.75	25 lbs.	12.50
5 lbs.	2.75	50 lbs.	21.50

SCOTT'S SHADE MIXTURE

For lawns receiving less than half a day of sunshine. Special perennial grasses which produce fine thick turf under trees and between houses. Pure seed with chaff removed.

1 lbs.	\$.75	10 lbs.	\$ 6.75
3 lbs.	2.25	25 lbs.	16.25
5 lbs.	3.50	50 lbs.	30.00

SCOTT'S TURF BUILDER—FOOD FOR GRASS

A special preparation for giving new grass a better start and renewing the color and vigor of old grass. It supplies all the necessary food elements and is composed of only the cleanest ingredients. Ten pounds does a better job of feeding grass than thirty pounds of ordinary fertilizer.

10 lbs.	\$1.25	50 lbs.	\$6.75
25 lbs.	2.25	100 lbs.	6.50

HOW MUCH?

Per 1,000 square feet

	New Lawns	Old Lawns
Regular Mixture	5 lbs.	3 lbs.
Shade Mixture	5 lbs.	3 lbs.
Turf Builder	20 lbs.	10 lbs.



Uncommon Plants

TREES AND SHRUBS

<i>Aesculus parviflora</i>	Bottlebrush Buckeye
<i>Azalea amoena coccinea</i>	Red Ainoena Azalea
<i>Azalea pontica</i>	Pontic Azalea
<i>Azalea polyantha</i>	Korean Azalea
<i>Azalea schlippenbochii</i>	Royal Azalea
<i>Berberis chenaultii</i>	Chenault Barberry
<i>Berberis gagnepainii</i>	Black Barberry
<i>Berberis triocanthophylla</i>	Threespine Barberry
<i>Berberis vernae</i>	Vernae Barberry
<i>Betula alba fastigiata</i>	Column White Birch
<i>Carpinus betulus pyramidalis</i>	Pyramid Hornbeam
<i>Chamaecyparis obtusa filicoides</i>	Fernspray Cypress
<i>Cladrastis lutea</i>	Yellow-wood
<i>Cornus kousa chinensis</i>	Chinese Dogwood
<i>Corylopsis sinensis</i>	Winter Hazel
<i>Cotoneaster adpressa</i>	Creeping Cotoneaster
<i>Cotoneaster racemiflora soongarica</i>	Coral Cotoneaster
<i>Cotoneaster zabelii miniata</i>	Zabel Cotoneaster
<i>Crataegus oxyacantha rosea nova</i>	Single Pink Hawthorn
<i>Cydonia japonica corallina</i>	Coral Flowering Quince
<i>Cydonia japonica nivalis</i>	White Flowering Quince
<i>Daphne mezereum</i>	February Daphne
<i>Euonymus hamiltonianus</i>	Hamilton Euonymus
<i>Genista pilosa</i>	Silky Broom
<i>Genista tinctoria plena</i>	Double Woadwaxen
<i>Hamamelis mollis</i>	Chinese Witch Hazel
<i>Hedera deltoidea</i>	Heartleaf Ivy
<i>Ilex cornuta</i>	Chinese Holly
<i>Ilex crenata helleri</i>	Heller Japan Holly
<i>Ilex verticillata polycarpa</i>	Big Fruit Winterberry
<i>Laurocerasus schipkaensis</i>	Cherry Laurel
<i>Leucothoe axillaris</i>	Lesser Leucothoe
<i>Lonicera sachalinensis</i>	Sakhalin Honeysuckle
<i>Magnolia parviflora</i>	Oyama Magnolia
<i>Malus sieboldii calocarpa</i>	Thickfruited Crab
<i>Neillia sinensis</i>	Neillia
<i>Picea excelsa clanbrasiliana</i>	Barry Spruce
<i>Picea excelsa repens</i>	Creeping Spruce
<i>Picea Omorika</i>	Serbian Spruce
<i>Pinus flexilis</i>	Limber Pine
<i>Pinus strobus fastigiata</i>	Upright White Pine
<i>Rhododendron arbutifolium</i>	Daphne Rhododendron
<i>Rhododendron racemosum</i>	Mayflower Rhododendron
<i>Rhododendron wilsonii</i>	Wilson Rhododendron
<i>Sorbaria arborea glabrata</i>	Tree Spirea
<i>Stewartia pentagyna</i>	Mountain Stewartia
<i>Stewartia pseudo camellia</i>	Japanese Stewartia
<i>Stranvaesia davidiana</i>	Stranvaesia
<i>Styrax obassia</i>	Fragrant Snowbell
<i>Symplocos paniculata</i>	Turquoise Berry
<i>Taxus canadensis stricta</i>	Dwarf Hedge Yew
<i>Taxus cuspidata nigra</i>	Black Japan Yew
<i>Taxus media wellesleyana</i>	Wellesley Yew
<i>Tsuga canadensis Fremdii</i>	Fremd Hemlock
<i>Ulmus campestris</i>	English Elm
<i>Viburnum wrightii</i>	Wright Viburnum
<i>Xanthoceras sorbifolia</i>	Chinese Buckeye

PERENNIALS

<i>Aethionema iberideum</i>	Spanish Stonecress
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort
<i>Campanula turbinata</i>	Top Bellflower
<i>Chrysogonum virginianum</i>	Golden Star
<i>Convallaria majalis flore pleno</i>	Double Lily-of-the-Valley
<i>Cornus canadensis</i>	Bunchberry
<i>Coronilla cappadocica</i>	Crown Vetch
<i>Cyclamen europaeum</i>	Alpine Sow Bread
<i>Epimedium nivale</i>	Epimedium
<i>Genista sagittalis</i>	Arrowhead Broom
<i>Helleborus niger</i>	Christmas Rose
<i>Iberis saxatilis</i>	Rock Candytuft
<i>Linnaea borealis americana</i>	Twin Flower
<i>Lithospermum prostratum</i>	Gromwell
<i>Ophiopogon jaburan</i>	Jaburan
<i>Polygala chamaebuxus</i>	Boxleaf Polygala
<i>Primula Kleynii</i>	Kleyn Primrose
<i>Santolina viridis</i>	Green Lavender Cotton
<i>Silene Wherryi</i>	Wherry Campion
<i>Thymus nolidus</i>	Shiny Leaf Thyme

Plants Suitable for the Rock Garden

Evergreens

Arctostaphylas uva-ursi, 5"-6"
Azalea marcrantha, 3'
Berberis verruculosa, 3'-4'
Calluna vulgaris, and vars. 1'-2'
Cham. abtusa filicoides, 8'-10'
Cham. abt. gracilis compacta, 8'
Cham. abt. lycopodioides, 8'
Chamaecyparis abtusa nana, 2'
Cham. plumosa nana, 2'
Cham. squarrasa nana, 1½'
Cotoneaster dammeri, 1'
Cotoneaster micraphylla, 2'-2½'
Cotoneaster thymifolia, 1½'-2'
Daphne cneorum, 1'
Epigaea repens, 6"
Euonymus radicans minimus, 3"
Gaultheria procumbens, 4"-6"
Hedera canadamerata, 1'
Ilex crenata helleri, 1'
Juniperus chinensis sargentii, 1½'
Jun. communis montana, 1½'
Jun. communis suecica nana, 3'
Juniperus canferta, 9"-12"
Juniperus horizontalis, 1'-1½'
Jun. horizontalis Bar Harbor, 1'
Jun. horizontalis dauglasi, 1'-1½'
Jun. horizontalis plumosa, 2'
Jun. sabina tamariscifolia, 1½'
Juniperus squamata, 1'
Juniperus squamata meyeri, 3'-4'
Juniperus squamata variegata, 1'
Leiophyllum buxifolium, 1½'
Mitchella repens, 4"
Pachistima canbyi, 3"-4"
Picea exc. clanbrasiliana, 4'-5'
Picea excelsa maxwellii, 1'-2'
Picea exc. procumbens, 1½'-2'
Picea excelsa repens, 1'
Picea glauca canica, 3'
Pinus dens. umbraculifera, 8'-10'
Pinus montana mughus, 2½'-3'
Patentilla tridentata, 8"
Rhoda. arbutifolium, 3'-4'
Rhada. myrtifolium, 3'-4'
Rhododendron racemosum, 1'
Taxus baccata compacta, 3'-4'
Taxus baccata repandens, 2'-3'
Taxus canadensis, 2'-2½'
Taxus cuspidata nana, 2'-3'
Thuja accidentalis Little Gem, 2'
Thuja accidentalis pumila, 3'-4'
Thuja acc. umbraculifera, 2'-3'
Thuja orient. aurea nana, 4'-5'
Thuja orientalis compacta, 3'-4'
Vaccinium vitis-idaea, 6"

Deciduous Shrubs

Betula yaungi, 8'-10'
Caryopteris incana, 2'-3'
Cataneaster adpressa, 1'
Cataneaster horizontalis, 1½'-2'
Cataneaster perpusilla, 1½'
Cydania alpina, 2'
Deutzia gracilis, 3'
Genista pilosa, 3'
Genista sagittalis, 9"
Hypericum buckleyi, 1'
Hypericum maserianum, 2'
Hypericum patulum forresti, 6"-8"
Jasminum nudiflorum, 3'
Lonicera spinosa alberti, 2'
Lonicera thibetica, 3'-4'
Potentilla fruticosa, 3'-4'
Rosa Rauletti, 6"
Viburnum apulus nanum, 1'-2'

Herbaceous Perennials

Achillea clavennae, 6"
Achillea tarentosa, 9"

Aethianema grandiflorum, 1½'
Aethianema iberideum, 6"
Aethianema Warley Rose, 6"
Ajuga brockbanki, 8"
Ajuga genevensis, 1'
Ajuga reptans, 6"
Allium flavum minor, 6"
Allium senescens glaucum, 9"
Allium Thibet, 9"
Alyssum saxatile compactum, 1'
Alyssum spinosum, 6"
Andrasace sarmentosa chumbyl
Anemone huphensis, 1½'
Anemone pulsatilla, 1'
Anemone pulsatilla alba, 1'
Anemone pulsatilla rubra, 1'
Anemone sylvestris, 9"
Anemone vernalis, 3"
Antennaria dioica, 6"
Aphyllanthes manspeliensis
Aquilegia alpina, 1'
Aquilegia canadensis, 15"
Aquilegia flabellata nana alba, 9"
Aquilegia pyrenaica, 6"
Arabis albida flare-plena, 7"
Arabis albida nana compacta, 4"
Arabis kelleri, 3"
Arabis procurrens, 6"-9"
Arabis Rosa Bella, 6"-9"
Arenaria caespitosa, 1'
Arenaria caespitosa aurea, 1"-2"
Arenaria montana, 4"
Arenaria purpurascens, 2"
Artemisia frigida, 4"
Aster alpinus, 8"
Aster alpinus albus, 8"
Aster Dwarf Hybrids, 1'
Aster subcaeruleus, 1'
Aster Wartburg Star, 1'
Aster yunnanensis, 9"
Aubrieta in varietq, 6"
Calamintha alpina, 6"
Campanula barbata, 8"
Campanula carpatica, 6"
Campanula carpatica alba, 6"
Campanula gorganica, 3"
Campanula partensschlagiana, 3"
Campanula poscharskyana, 6"
Campanula pusilla, 3"
Campanula ratundifolia, 1'
Campanula turbinata, 6"
Cerastium tamentosum, 6"
Coreopsis auriculata nana, 1'
Caronilla cappadacica, 6"
Cyclamen europaeum, 4"-6"
Cyclamen neapolitanum, 4"-6"
Dianthus arvernensis, 4"
Dianthus Beatrix, 9"
Dianthus deltaides, 8"
Dianthus Furst Bismarck, 9"
Dianthus neglectus, 4"
Dianthus superbus nanus, 6"
Dicentra cucullaria, 4"-6"
Dicentra farmasa, 1'
Dauglasia vitaliana, 2"
Draba bruniifolia, 2"
Draba siberica, 4"
Dracacephalum ruyschiana, 1'
Epimedium macranthum, 12"
Eradium chamaedrioides, 2"
Erodium chrysanthum, 6"
Euonymus radicans minimus, 1"
Ferns, Hardy (See page 117)
Festuca glauca, 1'
Gentiana acaulis, 1"
Gentiana hascambensis, 9"
Gentiana septemfida, 9"
Gentiana lagodechiana, 8"
Geranium sanguineum album, 9"
Geranium sang. lancastriense, 4"
Geum barisi, 1'
Gypsophila cerastioides, 3"
Gypsophila repens, 4"

Rock Garden — continued

- Helianthemum* in variety, 8"
Hepatica triloba, 4"-6"
Heuchera in variety, 1½'
Hieracium bombycinum, 6"
Hosta plantaginea minor, 10"
Houstonia caerulea, 3"-4"
Hypericum olympicum, 6"-9"
Hypericum repens, 6"
Iberis saxatilis, 2"
Iberis sempervirens, 10"
Iberis sempervirens, Little Gem, 6"
Iberis sempervirens, Snowflake, 9"
Iris cristata, 4"
Iris forrestii, 1½'
Iris gracillipes, 5"
Iris pumila in variety, 4"-9"
Jeffersonia diphylla, 12"
Lavandula vera, Munsted, 1'
Leontopodium alpinum, 6"
Linaria aequitriloba, 1"
Linnæa borealis, 3"
Linum flavum, 9"
Linum narbonnense, 1½'
Linum perenne, 1'
Liriope graminifolia, 9"
Lithospermum prostratum, 6"
Lotus corniculatus, 4"
Mazus rugosus, 4"
Menthella requieni, ½"
Mitchella repens, 2"-3"
Myosotis scorpioides, 10"
Nepeta mussini, 10"
Nierembergia rivularis, 2"
Oenothera missouriensis, 10"
Oenothera speciosa, 1½'
Omphalodes verna, 6"
Papaver alpinum, 4"
Phlox amoena, 4"
Phlox divaricata, 1'
Phlox subulata in variety, 4"-6"
Phyteuma scheuchzeri, 1'
Plumbago larpentae, 9"
Polemonium humile, 1'
Polygala chamaebuxus, 8"
Polygala vayredae, 6"
Potentilla nepalensis, Willmott. 1'
Potentilla rupestris pygmaea, 4"
- Potentilla* tonguei, 6"
Potentilla verna nana, 4"
Primula acaulis, 3"
Primula auricula, 6"
Primula cachemiriana, 9"
Primula Cortusoides, 6"
Primula frondosa, 4"
Primula sieboldii, 8"
Primula veris, assorted, 6"-10"
Rosa rouletti, 6"
Santolina incana, 1'
Cantolina viridis, 8"-12"
Saponaria ocymoides splendens, 1'
Sedum in variety, 1"-9"
Semiaquilegia adoxoides, 12"
Sempervivum in variety, 4"-9"
Shortia galacifolia, 8"-12"
Silene acaulis, 2"
Silene alpestris, 5"
Silene shafta, 6"
Silene Wherryi, 6"
Statice armeria in variety, 6"-15"
Statice armeria, 6 Hills Hybrid, 6"
Teucrium chamaedrys, 1½'
Thymus citriodorus argenteus, 4"
Thymus citriodorus aureus, 4"
Thymus serpyllum in variety, 2"
Tunica saxifraga, 6"
Verbena canadensis, 6"
Verbena peruviana, 4"
Verbena pulchella maenetti, 4"
Veronica armeria, 4"
Veronica filiformis, 2"
Veronica gentianoides, 8"
Veronica incana, 1'
Veronica pedunculata, 4"-6"
Veronica repens, 2"
Veronica teucrium rupestris, 4"
Veronica teucrium rup. nana, 1"
Veronica teucrium rup. rosea, 4"
Veronica trehani, 4"
Viola blanda, 2"
Viola cornuta, Jersey Gem, 6"
Viola cornuta, Purple Queen, 5"
Viola gracilis, 5"
Viola odorata, 6"
Viola pedata, 4"

Plants for Shaded Situations

Deciduous Trees and Shrubs

- Acanthopanax* pentaphyllum, 8'
Acer pennsylvanicum, 30'
Acer spicatum, 15'
Amelanchier canadensis, 12'-15'
Amelanchier stolonifera, 4'-5'
Aronia arbutifolia, 6'-8'
Aronia melanocarpa, 8'-10'
Azalea arborescens, 10'-12'
Azalea nudiflora, 6'-8'
Azalea vaseyi, 5'-6'
Azalea viscosa, 4'-5'
Benzoin aestivalis, 10'-12'
Calycanthus floridus, 4'-5'
Cephalanthus occidentalis, 5'-6'
Cercis canadensis, 12'-15'
Chionanthus virginica, 15'-18'
Clethra alnifolia, 4'-5'
Cornus alternifolia, 15'-18'
Cornus amomum, 8'-9'
Cornus florida, 15'-25'
Cornus florida rubra, 15'-20'
Cornus mas, 15'-20'
Cornus stolonifera, 8'-10'
Diervilla trifida, 3'-4'
Halesia tetraptera, 12'-15'
Hamamelis mollis, 15'-20'
Hamamelis vernalis, 8'-10'
Hamamelis virginiana, 15'-20'
Hydrangea arb. *grandiflora*, 4'

- Hydrangea* quercifolia, 3'-4'
Ligustrum ibota regelianum, 5'
Lonicera fragrantissima, 6'-8'
Lonicera morrowi, 7'-8'
Lonicera tatarica, 9'-10'
Oxydendrum arboreum, 25'-30'
Philadelphus, 9'-10'
Physocarpus, 3'-4'
Rhodotypos kerrioides, 4'-5'
Symporicarpos chenaultii, 4'-5'
Symporicarpos racemosus, 4'-5'
Symporicarpos villosus, 4'-5'
Viburnum acerifolium, 4'-5'
Viburnum dentatum, 10'12'
Viburnum lantana, 18'-20'
Viburnum molle, 10'12'
Viburnum prunifolium, 12'-15'
Zanthoriza apifolia, 2'-3'

Evergreens

- Azalea* amoena, 2½'-3'
Azalea hinodegiri, 3'-4'
Buxus semperv. suffruticosa, 6'
Epigaea repens, 4"-6"
Euonymus radicans coloratus, 3"
Gaultheria procumbens, 4"-6"
Ilex crenata microphylla, 6'-8'
Ilex glabra, 5'-6'
Ilex opaca, 25'-30'
Juniperus communis, 2½'-3'
Kalmia latifolia, 5'-7'

Plants for Shaded Situations

continued

Leucothoe catesbaei, 3'-4'
Mahonia aquifolium, 4'-5'
Mitchella repens, 3"-4"
Pachysandra terminalis, 6"-8"
Pieris floribunda, 3'-4'
Pieris japonica, 4'-5'
Rhodo. catawbiense, 8'-10'
Rhododendron hybrids, 3'-8'
Rhodo. maximum, 12'-15'
Taxus canadensis, 2'-2½'
Taxus cuspidata, 4'-5'
Tsuga canadensis, 75'-90'

Herbaceous Perennials

Aconitum (all)
Ajuga genevensis
Ajuga reptans
Anemone japonica
Anemone sylvestris
Aquilegia
Chimaphila maculata
Chrysogonium virginianum
Cimicifuga
Convallaria majalis
Cyclamen europaeum
Cypripedium pubescens
Dicentra cucullaria
Dicentra eximia
Dicentra spectabilis
Digitalis
Eupatorium fraseri
 Ferns in variety
Helleborus niger

Hemerocallis
Hepatica
Heuchera (all)
Hosta (all)
Iberis sempervirens
Iris cristata
Iris gracilipes
Iris verna
Linnaea borealis americana
Lithospermum prostratum
Lobelia cardinalis
Lobelia syphilitica
Lychnis chalcedonica
Lythrum
Menthella requieni
Mitchella repens
Myosotis scorpiodes
Myrrhis odorata
Omphalodes verna
Physalis
Platycodon grandiflorum
Polemonium
Primula (all listed)
Pulmonaria azurea
Sedum kamtschaticum
Sedum oreganum
Sedum sarmentosum
Sedum spurium
Sedum ternatum
Shortia galacifolia
Thalictrum
Trillium grandiflorum
Vinca minor
Viola

Plants for Binding Steep Banks

Shrubs

Acanthopanax pentaphyllum
Berberis thunbergi, 4'-5'
Cotoneaster horizontalis, 2'-3'
Cotoneaster perpusilla, 1"-2'
Forsythia suspensa, 5"-6'
Lonicera spinosa alberti, 3'-4'
Lonicera syringantha, 4'-5'
Lonicera tatarica, 9'-10'
Myrica carolinensis, 4'-5'
Rhus canadensis, 4'-5'
Robinia hispida, 6'-8'
Rosa nitida, 12"-18"

Rosa rugosa, 4'-5'
Rosa setigera, 5'-6'
Symphoricarpos racemosus
Symphoricarpos vulgare, 4'-5'
Zanthoriza apiifolia, 2'-3'

Vines

Ampelopsis heterophylla
Bignonia radicans
Celastrus scandens, 20'-25'
Lonicera halleana, 15'-20'
Rosa lucida, 5'-6'
Rosa wichuriana, 15'-20'

Plants for Dry Soil

DECIDUOUS TREES

Betula populifolio, 30'-40'
Phellodendron amurense, 40'-50'
Quercus alba, 100'

EVERGREEN TREES

Juniperus virginiana, 30'-50'
Pinus resinosa, 80'-100'
Pinus strobus, 80'-100'
Pinus sylvestris, 70'-80'

DECIDUOUS SHRUBS

Acanthopanax pentaphyllum
Colutea arborescens, 8'-10'
Cornus paniculata, 10'-12'
Genista tinctoria, 3'-4'
Hypericum prolificum, 2½'-3'
Lespedeza formosum, 5'-6'
Myrica carolinensis, 4'-5'
Prunus maritima, 9'-10'
Rhamnus cathartica, 9'-10'
Rhus canadensis, 4'-5'
Rosa setigera, 10'-12'
Symphoricarpos racemosus

Vaccinium carymbosum, 5'-6'
Viburnum acerifolium, 4'-5'
Viburnum lantana, 15'-18'

EVERGREEN SHRUBS

Arctostaphylos uva-ursi, 6"
Jun. chinensis sargentii
Juniperus communis, 2'-2½'
Juniperus communis depressa
Juniperus communis montana
Juniperus horizontalis, 1'-1½'
Juniperus sabina, 6'-7'
Mahonia aquifolium, 4'-5'
Pachysandra terminalis, 8"
Pinus montana mugus, 2½'-3'

Herbaceous Perennials

SUNNY PLACES

Achillea ptarmica, The Pearl
Achillea timentosa
Anthemis tinctoria
Arenaria caespitosa
Armeria in variety
Asclepias tuberosa

Plants for Dry Soil continued

Baptisia australis
Cerastium tomentosum
Dianthus caesius
Dianthus deltoides
Dianthus plumarius
Euphorbia corollata
Festuca glauca
Gypsophilla paniculata
Helianthemum
Helianthus
Lavendula vera
Linum perenne
Lupinus polyphyllus
Nepeta mussini
Oenothera youngi
Pentstemon barbatus
Phlox subulata
Plumbago larpentae
Santolina incana

Santolina viridis
Sedum
Sempervivum
Tunica saxifraga
Yucca filamentosa

SHADY PLACES

Ajuga genevensis
Ajuga reptans
Aquilegia canadensis
Aquilegia chrysanthia
Aster alpinus
Convallaria majalis
Heuchera sanguinea
Iberis sempervirens
Liatris pycnostachya
Platycodon grandiflorum
Sedum Spectabile

Plants for Marshy Places

Deciduous Trees

Acer rubrum, 50'-75'
Betula nigra, 50'-60'
Larix leptolepis, 50'-60'
Liquidamber styraciflua, 50'-60'
Quercus palustris, 75'-90'
Quercus phellos, 75'-90'
Salix bobbylonica, 50-60'
Taxodium distichum, 100'
Tilia americana, 80'-90'
Ulmus americana, 80'-100'

Shrubs

Aronia arbutifolia, 6'-8'
Aronia melanocarpa, 8'-10'
Azalea viscosa, 4'-5'
Benzoin aestivalis, 10'-12'
Colycanthus floridus, 4'-5'
Cephalanthus occidentalis, 4'-5'
Clethra alnifolia, 4'-5'
Cornus amomum, 8'-9'
Cornus stolonifera, 7'-8'
Ilex glabra, 5'-6'
Ilex verticillata, 6'-8'
Rhododendron canadense, 4'
Sorbaria sorbifolia, 5'-6'
Vaccinium corymbosum, 6'-8'

Viburnum cassinoides, 5'-6'
Viburnum dentatum, 10'-12'
Viburnum lentago, 18'-20'

Herbaceous Perennials

Aruncus sylvester
Aster novae-angliae
Boltonia latisquama
Caltha palustris
Cimicifuga racemosa
Helenium autumnale
Hemerocallis
Hibiscus moscheutos
Iris chrysographes
Iris forrestii
Iris kaempferi
Iris sibirica
Lobelia cardinalis
Lobelia siphilitica
Lythrum salicaria roseum
Myosotis scorpioides (palustris)
Physostegia virginica
Primula cachsenriana
Primula japonica
Primula japonica, Red Hugh
Primula pulverulenta
Trollius europaeus
Trollius, Orange Globe

Plants for Acid Soil

The acidity of soil varies to a considerable degree and some plants prefer a decidedly acid reaction while others succeed best in a slightly acid soil. This list includes plants which have a preference for soil on the acid side, always providing other nutritional conditions are favorable.

Deciduous Trees and Shrubs

<i>Abelia</i>	<i>Chionanthus</i>	<i>Liriodendron</i>
<i>Acer pennsylvanicum</i>	<i>Cladrastris</i>	<i>Lonicera belgica</i>
<i>Acer spicatum</i>	<i>Clethra</i>	<i>Magnolia</i>
<i>Aesculus parviflora</i>	<i>Cornus</i>	<i>Myrica</i>
<i>Amelanchier</i>	<i>Cydonia</i>	<i>Neillia</i>
<i>Amorpha</i>	<i>Cytisus scoparius</i>	<i>Nyssa</i>
<i>Aronia</i>	<i>Daphne mezereum</i>	<i>Oxydendrum</i>
<i>Azalea</i>	<i>Enkianthus</i>	<i>Quercus</i>
<i>Baccharis</i>	<i>Fagus</i>	<i>Sambucus</i>
<i>Benzoin</i>	<i>Forsythia</i>	<i>Sophora</i>
<i>Betula lenta</i>	<i>Genista</i>	<i>Sorbus</i>
<i>Buddleia</i>	<i>Ginkgo</i>	<i>Stewartia</i>
<i>Callicarpa</i>	<i>Halesia</i>	<i>Styrax</i>
<i>Calycanthus</i>	<i>Hamamelis</i>	<i>Symplocos</i>
<i>Carpinus</i>	<i>Ilex</i>	<i>Vaccinium</i>
<i>Celastrus</i>	<i>Itea virginica</i>	<i>Viburnum</i>
<i>Cephalanthus</i>	<i>Liquidambar</i>	<i>Vitex</i>

Plants for Acid Soil continued

Conifers

Abies
Chamaecyparis
Juniper horizontalis
Picea

Pinus
Pseudotsuga
Thuya
Tsuga

Broadleaf Evergreens

Azalea
Buxus
Calluna
Erica
Ilex glabra
Ilex opaca
Kalmia

Leiophyllum
Leucothoe
Pachistima
Pieris
Patentilla tridentata
Rhododendrons

Perennials

Aconitum
Actaea
Allium
Alyssum
Anemone
Aquilegia
Arenaria
Artemisia
Asclepias
Aster
Astilbe
Baptisia
Caltha
Chelone lyoni
Cimicifuga
Convallaria
Careopsis
Carydalis
Cypripedium acaule
Dicentra
Digitalis
Erythronium
Gaillardia
Gentiana
Helianthemum
Helleborus
Hepatica

Heuchera
Hibiscus moscheutos
Houstonia
Iberis
Iris, Japanese
Jeffersonia
Liatris
Lobelia
Latus
Lupinus
Lythrum
Mertensia
Monarda
Oenothera
Phlox Ovata
Phlox stolonifera
Polemonium
Polygala paucifolia
Primula
Ranunculus
Sanguinaria
Sedum anglicum
Trillium
Trollius
Valeriana
Viola
Viola pedata

Ground Covers

Antennaria
Arctostaphylos
Asarum
Chimaphila
Convallaria
Cornus canadensis
Epigaea

Galax
Gaultheria
Houstonia
Linnea americana
Mitchella
Pachysandra

Plants for Wall-Gardening

Achillea tomentosa
Aethionema (all)
Alyssum (all listed)
Androsace chumbyi
Andrasace lanuginosa
Antennaria dioica
Arabis in variety
Arenaria montana
Asplenium platyneuron
Asplenium trichomanes
Aubretia in variety
Calamintha alpina
Campanula garganica
Campanula portenschlagiana
Campanula poscharskyana
Campanula pusilla
Cerastium timentasum
Chieranthus alliani
Carydalis lutea (shady)
Dianthus arvernensis
Dianthus caesius
Dianthus deltoides
Dianthus neglectus
Dracacephalum
Erodium (all)

Geranium sanguineum & varieties
Gypsophila repens
Helianthemum in variety
Hypericum olympicum
Iberis in variety
Leontopodium alpinum
Lithospermum prostratum,
Lotus corniculatus
Nepeta mussini
OENOTHERA missouriensis
OENOTHERA speciosa
Phlox subulata and varieties
Plumbago larpentae
Primula auricula (shady)
Saponaria ocymoides
Sedum (all except spectabile)
Sempervivum (all)
Silene alpestris
Silene maritima fl.-pl.
Silene schafta
Statice armeria
Teucrium chamaedrys
Thymus (all)
Tunica saxifraga
Veronica teucrium rupestris & var.

Crevice Plants

Achillea tomentosa
Antennaria dioica
Arenaria caespitosa
Arenaria caespitosa aurea
Campanula pusilla
Euonymus radicans minimus
Linaria aequitriloba
Lotus corniculatus
Menthella requieni
Nierembergia rivularis
Phlox subulata varieties (for
 large steps)

Sedum acre
Sedum anglicum
Sedum dasypylillum
Sedum nevi
Sedum sexangulare
Sedum spath. purpureum
Sempervivums (all)
Silene alpestris
Statice armeria
Thymus (all)
Tunica saxifraga
Veronica repens

Ground Covers

For Shady Places

Ajuga reptans
Asarum shuttleworthi
Chimaphylla maculata
Chrysogonium virginianum
Convallaria majalis
Cornus canadensis
Dicentra eximia
Epigaea repens
Epimedium in variety
Euonymus radicans coloratus
Euonymus radicans minimum
Ferns in variety
Gaultheria procumbens
Hedera helix and varieties
Hepatica triloba
Linnaea borealis
Mitchella repens
Pachistima canbyi
Pachysandra terminalis
Polemonium reptans
Shortia galacifolia
Taxus canadensis
Vaccinium vitis-idaea
Veronica filiformis
Veronica repens
Vinca minor and varieties

For Sunny Places

Achillea tomentosum
Arctostaphylos uva-ursi
Arenaria caespitosa
Calluna vulgaris and varieties
Cerastium tomentosum
Dianthus plumaris
Dicentra eximia
Helianthemum in variety
Iberis sempervirens
Juniperus chinensis sargentii
Juniperus communis depressa
Juniperus communis montana
Jun. horizontalis Bar Harbor
Juniperus horizontalis plumosa
Juniperus sabina tamariscifolia
Juniperus squamata
Leiophyllum buxifolium
Lotus corniculatus
Pachystima canbyi
Phlox subulata
Sedum in variety
Thymus serpyllum
Veronica teucrium rupestris
Zanthorhiza apiifolia

Berry-Bearing Trees and Shrubs

Red Berries

Aronia arbutifolia, 8'-10'
Benzoin aestivale, 10'-12'
Berberis aggregata pratti, 8'-10'
Berberis thunbergi, 4'-5'
Berberis vernae, 5'-6'
Berberis vulgaris, 8'-9'
Cornus florida, 15'-25'
Cornus kousa, 15'-20'
Cornus mas, 15'-20'
Cotoneaster apiculata, 6'-7'
Cotoneaster dammeri, 1'-1½'
Cotoneaster dielsiana, 6'-8'
Cotoneaster divaricata, 6'-7'
Cotoneaster franchetti, 7'-8'
Cotoneaster horizontalis, 1'-1½'
Coton. horizontalis perpusilla
Cotoneaster hupehensis, 5'-6'
Cotoneaster lemoinei, 5'-6'
C. racemiflora soongarica
Cotoneaster rotundifolia, 7'-8'
Cot. salicifolia floccosa
Cotoneaster Simonsii, 5'-6'
Crataegus coccinea, 15'-20'
Crataegus cordata, 12'-15'
Crataegus crus-galli, 15'
Crataegus mollis, 20'-25'
Crataegus oxyacantha, 20'
Elaeagnus longipes, 6'-8'
Elaeagnus pungens, 10'-12'
Elaeagnus umbellata, 8'-10'
Euonymus alatus, 9'-10'
Euonymus europaeus, 12'-14'
Euonymus hamiltonianus, 9'-10'
Euonymus radicans vegetus
Euonymus yedoensis, 9'-10'

Ilex cornuta, 8'-10'
Ilex opaca, 25'-30'
Ilex pernyi, 7'-8'
Ilex verticillata, 6'-8'
Lonicera korolkowi floribunda
Lonicera maackii, 8'-9'
Lonicera minutiflora, 7'-9'
Lonicera morrowii, 7'-8'
Lonicera sachalinensis, 10'-12'
Lonicera syringantha wolffii, 4'
Lonicera tatarica, 9'-10'
Malus floribunda, 12'-15'
Malus prunifolia, 15'
Malus sargentii, 8'-9'
Nyssa sylvatica, 60'-70'
Photinia villosa, 12'-15'
Pyracantha coccinea lalandii
Rhus canadensis, 3'-5'
Rosa blanda, 4'-5'
Rosa rubiginosa, 5'-6'
Rosa rubrifolia, 6'-8'
Rosa rugosa, 4'-5'
Rosa setigera, 10'-12'
Sambucus pubens, 10'-12'
Sorbus aucuparia, 25'-30'
Symphoricarpos chenaultii, 4'-5'
Symphoricarpos vulgaris, 4'-5'
Viburnum americanum, 8'-9'
Viburnum dilatatum, 8'-9'
Viburnum opulus, 9'-10'
Viburnum wrightii, 8'-10'

White Berries

Cornus alba sibirica, 8'-10'
Cornus paniculata (bluish), 10'-12'
Cornus stolonifera, 7'-8'

Berry-Bearing Trees and Shrubs

continued

White Berries Continued
Myrica carolinensis (gray)
Pachysandra terminalis, 8"-10"
Symporicarpos racemosus

Yellow Berries
Elaeagnus angustifolia, 15"-18'
Ilex opaca xanthocarpa, 25"-30'
Malus arnoldiana, 12'-15'

Black Berries
Amelanchier canadensis, 25'
Aronia melanocarpa, 8'-10'
Berberis atrocarpa, 5'-6'
Berberis verruculosa, 2'-8'
Cotoneaster acutifolia, 8'-10'
Cotoneaster foveolata, 8'-10'
Ilex crenata bullata, 4'-5'
Ilex crenata microphylla, 6"-8'
Ilex glabra, 5'-6'
Ligustrum regelianum, 4'-5'
Rhamnus cathartica, 9'-10'
Rhamnus frangula, 10'-12'

Rhodotyphus kerrioides, 4"-5'
Viburnum acerifolium, 4"-5'
Viburnum lantana, 15'-18'
Viburnum prunifolium, 12'-15'
Viburnum sieboldii, 9'-10'

Deep Blue-Black Berries

Berberis gagnepainii, 5'-6'
Berberis julianae, 6'-7'
Berberis tricanthophora, 4'-5'
Chionanthus virginica, 20'
Cornus controversa, 20'-25'
Vaccinium corymbosum, 4'-12'
Viburnum cassinooides, 5"-6'
Viburnum dentatum, 10'-12'
Viburnum lentago, 25"-30'

Blue Berries

Ampelopsis heterophylla
Callicarpa purpurea (mauve)
Cornus amomum, 8'-9'
Symplocos paniculata, 30'-40'

Plants Attractive to Birds

*—Nesting

- O *Amelanchier canadensis*
- * *Ampelopsis quinquefolia*
- * *Ampelopsis tricuspidata*
- O *Aronia arbutifolia*
- O *Aronia melanocarpa*
- O *Benzoin aestivale*
- *O *Berberis thunbergii*
- *O *Berberis verna*
- *O *Berberis vulgaris*
- O *Betula lenta*
- O *Betula nigra*
- O *Betula papyrifera*
- O *Celastrus scandens*
- * *Cornus alba*
- * *Cornus controversa*
- *O *Cornus florida*
- O *Cornus kousa*
- *O *Cornus mas*
- *O *Cornus paniculata*
- *O *Crataegus* most varieties
- O *Eleagnus longipes*
- O *Euonymus europaeus*

O—Food

- O *Gaultheria procumbens*
- *O *Ilex opaca*
- O *Ilex verticillata*
- *O *Juniper virginiana* varieties
- *O *Lonicera* in variety
- *O *Malus floribunda* and vars.
- O *Mitchella repens*
- O *Myrica carolinensis*
- * *Picea polita*
- *O *Pinus nigra*
- * *Pinus resinosa*
- *O *Pinus strobus*
- *O *Rhamnus frangula*
- O *Sambucus pubens*
- O *Sorbus aucuparia*
- * *Symporicarpos chenaultii*
- * *Symporicarpos racemosus*
- * *Symporicarpos vulgaris*
- * *Tsuga canadensis*
- O *Vaccinium corymbosum*
- *O *Viburnums* in variety
- O *Weigela*

Plants with Distinctive Bark

Acer pennsylvanicum (Striped)
Betula alba (White)
Betula nigra (Papery brown)
Betula papyrifera (Papery white)
Betula populifolia (Creamy)
Carpinus betulus (Blue-gray)
Cornus alba (Bright red)
Cornus controversa (Purple)
Cornus paniculata (Gray)
Cornus stolonifera (Deep red)
Cornus stolonifera lutea (Yellow)
Elaeagnus (Silvery)
Euonymus alatus (Corky)

Euonymus europaeus (Green)
Fagus varieties (Gray)
Forsythia viridissima (Green)
Kerria japonica (Green)
Laburnum vulgare (Green)
Liquidambar styraciflua (Corky)
Platanus orientalis (Spotted)
Rosa lucida (Reddish)
Rosa lucida alba (Green)
Rosa rubrifolia (Dull red)
Salix vitellina (Yellow)
Tilia euchlora (Red twig)
Tilia platyphyllos aurea (Yellow)

Plants Suitable for Hedges

Evergreens

TALL

Berberis julianae
Chamaecyparis pisifera and var.
Chamaecyparis plumosa
Chamaecyparis filifera
Euonymus patens
Juniperus virginiana vars.
Picea excelsa
Pinus strobus
Pyracantha lalandii
Taxus cuspidata capitata
Thuja occidentalis and varieties
Thuja plicata atrovirens
Tsuga canadensis
Tsuga caroliniana

LOW

Berberis triacanthophora
Berberis verruculosa
Buxus
Chamaecyparis obtusa gracilis
Ilex crenata bullata
Ilex crenata microphylla
Juniperus chinensis pfitzeriana
Mahonia aquifolia
Taxus cuspidata
Taxus cuspidata nana
Taxus media
Thuja occidentalis dwarf varieties
Thuja occidentalis Little Gem
Thuja orientalis nana aurea

Plants Suitable for Hedges

Deciduous

TALL

Acer ginnala
Carpinus betulus
Cotoneaster acutifolia
Crataegus coccinea
Crataegus cordata
Crataegus crusgalli
Crataegus oxyacantha
Euonymus alatus
Fagus americana
Fagus sylvatica
Hibiscus syriacus
Ligustrum amurense
Ligustrum ovalifolium
Lonicera fragrantissima
Lonicera minutiflora
Photinia villosa
Rhamnus frangula
Salix pentandra
Syringa vulgaris
Viburnum dentatum

LOW

Berberis thunbergii
Berberis thunbergii minor
Berberis vernae
Cotoneaster divaricata
Cydonia japonica
Deutzia gracilis
Ligustrum iodense
Hypericum aureum
Ligustrum ovalifolium (clipped)
Ligustrum regelianum
Philadelphus lemoinei and var.
Rhodotypos kerriodes
Rosa rugosa
Spiraea Anthony Waterer
Spiraea prunifolia
Spiraea thunbergii
Spiraea van houttei
Stephanandra flexuosa
Symphoricarpos chenaultii
Viburnum opulus nana

Shrubs for Espalier

Amygdalus persica
Cercis chinensis
Corylopsis sinensis
Cotoneaster franchetti
Cotoneaster horizontalis
Cotoneaster salicifolia floccosa
Cotoneaster simonsii
Crataegus in variety
Cydonia in variety
Forsythia suspensa
Hamamelis japonica
Hamamelis mollis
Jasminum nudiflorum

Laburnum vulgare
Lonicera fragrantissima
Lonicera heckrottii
Lonicera morrowii
Magnolia glauca
Magnolia parviflora
Malus micromalus
Malus sargentii
Prunus triloba
Pyracantha coccinea lalandii
Stewartia pentagyna
Viburnum carlesii
Xanthoceras sorbifolia

Vines

Flowering

Actinidia
Bignonia
Clematis
Hydrangea petiolaris
Lonicera
Polygonum
Rosa wichuriana and varieties
Wisteria

Fruiting

Actinidia
Akebia
Ampelopsis heterophylla
Celastrus
Clematis

Self-Clinging (by roots)

Ampelopsis tricuspidata
Ampelopsis tricuspidata lowii
Bignonia
Euonymus
Hedera
Hydrangea petiolaris
Schizophragma hydrangeoides

Climbing

Actinidia
Ampelopsis heterophylla
Ampelopsis quinquefolia
Celastrus
Clematis
Lonicera
Wisteria

Rapid Growth

Actinidia
Clematis
Polygonum

Tall

Abies concolor, 50'-60'
Abies homolepis, 60'-80'
Abies nordmanniana, 80'-100'
Abies veitchii, 50'-60'
Cedrus atlantica glauca, 50'-60'
Cedrus Libani, 60'-80'
Chamaecyparis pisifera, 30'-40'
Cham. pisifera aurea, 30'-40'
Chamaecyparis plumosa, 35'-40'

Cham. plumosa aurea, 30'-35'
Chamaecyparis squarrosa, 30'-40'
Cryptomeria jap. lobbi, 50'-60'
Juniperus virginiana, 30'-50'
Picea canadensis, 50'-60'
Picea excelsa, 80'-100'
Picea excelsa pyramid., 40'-50'
Picea koyamai, 40'-50'
Picea omorika, 60'-80'
Picea orientalis, 60'-80'
Picea polita, 60'-80'

Evergreen Conifers

Evergreen Conifers — continued

Tall

Continued

- Picea pungens*, 70'-80'
Picea pungens glauca, 70'-80'
Picea pungens Kosteri, 50'-60'
Pinus densiflora, 50'-60'
Pinus excelsa, 50'-60'
Pinus flexilis, 35'-40'
Pinus nigra, 50'-60'
Pinus resinosa, 60'-70'
Pinus strobus, 80'-100'
Pinus strobus fastigiata, 35'-40'
Pinus sylvestris, 40'-50'
Pinus thunbergii, 60'-70'
Pseudotsuga douglasii, 70'-80'
Thuja occidentalis, 35'-40'
Thuja occiden. pyramid., 25'-30'
Thuja orientalis, 25'-30'
Thuja plicata atrovirens, 35'-40'
Tsuga canadensis, 70'-80'
Tsuga caroliniana, 40'-50'
Tsuga diversifolia, 50'

Medium Height

- Chamaecyparis obtusa*, 20'25'
Cham. obt. lycopodioides, 8'
Cham. obtusa magnifica, 25'-30'
Cham. obtusa youngi, 20'-25'
Cham. pisifera filifera, 20'-25'
Juniperus chinensis, 18'-20'
Jun. chin. columnaris, 20'-25'
Jun. chin. col. viridis, 20'-25'
Juniperus chin. fortunei, 12'-15'
Jun. chin. neaboriensis, 8'-10'
Juniperus chin. oblonga, 10'-12'
Juniperus virg. burkii, 12'-15'
Juniperus virg. cannarti, 20'-25'
Jun. virg. elegantissima, 15'-18'
Juniperus virg. glauca, 20'-25'
Juniperus virg. keteleeri, 18'-20'
Juniperus virg. schottii, 20'-25'
Pinus cembra, 25'-30'
Sciadopitys verticillata, 20'-25'
Taxus cusp. capitata, 20'-25'
Taxus cuspidata hatfieldi, 15'
Thuja occ. doug. aurea, 15'-20'
Thuja occ. doug. pyramid., 20'-25'
Thuja occ. elegant., 15'-20'
Thuja occidentalis lutea
Thuja occ. riversi, 10'-12'
Thuja occ. rosenthali, 10'-12'
Thuja occ. vervaeneana, 10'-12'
Thuja occ. wareana, 12'-15'
Thuja orient. conspicua, 10'-12'
Thuja orient. eleant., 10'-12'
Thuja standishi, 12'-15'
Tsuga canadensis atrovirens, 20'
Tsuga canadensis dwarf forms,
 4'-10'

Shrubby

- Cham. obtusa compacta*, 5'-6'
Cham. obtusa crippsi (slow), 8'-10'
Cham. obt. gracilis (slow), 12'
Cham. obt. arac. compacta, 6'-8'
Cham. pis. filifera aurea, 15'

Broad Leaved Evergreens

- Abelia grandiflora*, 5'-6'
Arctostaphylos uva-ursi
Azalea Akebona, 6'-8'
Azalea amoena, 4'-5'
Azalea amoena coccinea, 4'-5'
Azalea fujimayo, 5'-6'
Azalea hinodegiri, 4'-5'
Azalea hinomayo, 3'-4'
Azalea kaempferi hybrids, 3'-4'
Azalea ledifolia, 4'-5'
Azalea macrantha, 3'-4'
Berberis chenaulti, 3'-4'
Berberis gagnepainii, 4'-5'
Berberis julianae, 6'-7'
Berberis tricanthophora, 4'-5'
Berberis verruculosa, 3'-3 1/2'

- Juniperus chin. albo variegata*, 10'
Juniperus chin. japonica, 4'-5'
Juniperus chin. pfitzeriana, 5'-6'
Juniperus canadensis, 3'-4'
Juniperus communis, 3'-4'
Juniperus excelsa stricta, 5'-6'
Juniperus sabina, 5'-6'
Jun. squamata meyeri, 6'-8'
Juniperus suecica nana, 3'-4'
Jun. virginiana globosa, 4'-5'
Juniperus virg. pendula, 15'-20'
Juniperus virg. pyramidalis, 20'
Juniperus virg. smithii, 6'-8'
Picea excelsa clanbrasiliana, 4'-5'
Picea excelsa conica, 6'-8'
Picea glauca conica, 5'-6'
Pinus densif. umbraculifera, 8'
Taxus baccata compacta, 10'
Taxus bac. ovata, 12'-15'
Taxus baccata washingtoni, 6'-8'
Taxus cuspidata, 10'-12'
Taxus cusp. Anderson, 12'-15'
Taxus cuspidata compact, 6'-8'
Taxus cuspidata densa, 4'-5'
Taxus cuspidata nana, 5'-6'
Taxus cuspidata nigra, 6'-8'
Taxus media, 10'-12'
Taxus media brownii, 5'-6'
Taxus media hicksii, 10'-12'
Taxus sieboldii, 10'-12'
Thuja occ. compacta, 4'-5'
Thuja occ. globosa, 3'-4'
Thuja occ. hoveyi, 3'-4'
Thuja occ. pumila, 3'-4'
Thuja occ. woodwardi, 3'
Thuja occ. umbraculifera, 3'-4'
Thuja orient. aurea nana, 4'-5'
Thuja orient. bakeri, 5'-6'
Thuja orient. compacta, 4'-5'
Tsuga canad. pendula, 6'-8'

Low or Prostrate

- Chamaecyparis squarrosa nana*, 2'
Cham. plumosa lutescens, 3'
Cham. plumosa nana, 2'
Jun. chinensis sargentii, 2'-2 1/2'
Jun. communis aurea, 1 1/2'
Jun. communis montana, 1'
Juniperus conferta, 9"-12"
Juniperus horizontalis, 1'-1 1/2'
Jun. hor. Bar Harbor, 6"-12"
Juniperus hor. douglasii, 9"-12"
Juniperus hor. glauca, 1'-11 1/2'
Juniperus hor. hudsonica, 1'-2'
Jun. horizontalis plumosa, 1'-2'
J. sabina tamariscifolia, 1'-2'
Juniperus squamata, 1'-2'
Jun. squamata variegata, 1'-2'
Picea excel. maxwellii, 1 1/2"-2'
Picea excelsa procumbens, 2'
Picea excelsa pumila, 3'
Picea excelsa repens, 1 1/2'
Pinus mugo, 3'
Taxus baccata repandens, 2'-3'
Taxus canadensis, 2 1/2"-3'
Thuja occ. Little Gem, 2"-2 1/2'

- Buxus species*, 5'-10'
Calluna vulgaris, 6"-15"
Chimaphila maculata, 6"-8"
Cotoneaster dammeri, 1'-1 1/2'
Cotoneaster franchetti, 8'-10'
Cotoneaster horizontalis, 2"-2 1/2'
Coton. hor. perpusilla, 1'-2'
Cotoneaster microphylla, 2'-3'
Cotoneaster thymifolia, 2'-3'
Daphne cneorum, 1'
Erica carnea, 1 1/2'
Euonymus patens, 8'-10'
Euonymus radicans, vine
Euonymus rad. coloratus, vine
Euonymus radicans vegetus, vine
Gaultheria procumbens, 4"-6"

Broad Leaved Evergreens

continued

Hedera helix and varieties, vine
Hedera helix conglomerata
Hedera helix deltoidea, 2'
Hedera helix minima, 1½'
Iberis sempervirens, 1'
Ilex cornuta, 10'
Ilex crenata, 12"-15"
Ilex crenata convexa, 3'-4'
Ilex crenata helleri, 1½'
Ilex crenata microphylla, 8'-10'
Ilex glabra, 4'-6'
Ilex opaca, 30"-40"
Ilex pernyi, 7"-8'
Kalmia angustifolia, 3'-4'
Kalmia latifolia, 6'-8'
Laurocerasus schipkaensis, 4'-6'
Layendula vera, 1½'-2'
Leiophyllum buxifolium, 1'-2'
Leucothoe axillaris, 2'-3'
Leucothoe catesbaei, 3'-4'
Lithospermum prostratum
Lonicera fragrantissima, 6'-8'
Lonicera nitida, 4'-5'
Lonicera japonica halliana, vine
Mahonia aquifolium, 3'-4'
Mitchella repens, vine, 2"

Pachistima canbyi, 6"-9"
Pachistima myrsinoides, 18"
Pieris floribunda, 4'-5'
Pachysandra terminalis, 6"-9"
Pieris japonica, 6'-7'
Potentilla tridentata, 10"-12"
Pyracantha coccinea, 8'-10'
Pyracantha cocc. lalandii, 15'-18'
Rhodo. arbutifolium, 3'-4'
Rhodo. carolinianum, 5'-6'
Rhodo. catawbiense, 8'-10'
Rhododendron Hybrids, 4'-12'
Rhodo. maximum, 12'-15'
Rhododendron minus, 6'-8' .
Rhodo. myrtifolium, 3'-4'
Rhodo. racemosum, 1'-2'
Rhodo. wilsoni, 4'-5'
Santolina incana, 1½'
Stranvaesia davidiana, 12'-15'
Teucrium chamaedrys, 12"-15"
Thymus citriodorus, 6"-9"
Vaccinium vitis-idea, 6"-9"
Viburnum rhytidophyllum, 8'-10'
Vinca minor, vine
Yucca filamentosa, 2'-3'

Deciduous Shrubs

Dwarf up to 3 ft.

Berberis thunbergi minor, 2'-3'
Caryopteris incana, 1½'-2'
Cotoneaster adpressa, 1'
Cotoneaster horizontalis, 2'
Cydonia japonica alpina, 1'-2'
Cydonia japonica pygmaea, 2'-3'
Cydonia maulei, 2'-3'
Cytisus kewensis, 1'-2'
Daphne mezereum, 3'
Deutzia gracilis, 3'
Deutzia gracilis rosea, 3'-4'
Diervilla trifida, 3'
Elsholtzia farquhari, 3'
Genista pilosa, 1'-2'
Genista tinctoria fl. pl. 2'-3'
Hydrangea quercifolia, 3'
Hypericum moserianum, 1'-2'
Indigofera gerardiana, 3'
Indigofera kirilowii, 3'
Ligustrum vulgare Iodense, 2'-3'
Lonicera thibetica, 3'
Potentilla fruticosa, 3'
Rosa humilis, 2'-3'
Rosa nitida, 2'
Spirea Anthony Waterer, 3'
Viburnum opulus nanum, 1'-2'
Zanthorhiza apiifolia, 2'

Medium up to 6 ft.

Abelia grandiflora, 5'-6'
Amelanchier stolonifera, 4'-5'
Aronia melanocarpa, 3'-4'
Azalea kaempferi, 5'-6'
Azalea mollis, 4'-5'
Azalea mucronulata, 5'-6'
Azalea poukhanensis, 4'-5'
Azalea pouk. yodogawa, 4'-5'
Azalea schlippenbachi, 6'
Berberis gagnepainii, 4'-5'
Berberis sieboldii, 4'-5'
Berberis thunbergii, 5'-6'
Berberis thun. atropurpurea, 5'-6'
Berberis vernae, 5'-6'
Buddleia Ille de France, 4'-6'
Callicarpa purpurea, 4'-5'
Cotoneaster apiculata, 4'-5'
Cotoneaster dielsiana, 5'-6'
Cotoneaster divaricata, 5'-6'
Cotoneaster hupehensis, 5'-6'
Coton. racemiflora soongarica, 6'

Coton. salicifolia floccosa, 6'-8'
Cotoneaster zabeli miniata, 4'-6'
Cydonia japonica and var., 3'-5'
Cytisus scoparius, 5'-6'
Deutzia lemoinei, 4'-5'
Eleagnus longipes, 5'-6'
Euonymus alatus compactus, 5'-6'
Forsythia suspensa, 6'
Hamamelis vernalis, 4'-6'
Hydrangea arb. grandiflora, 4'-5'
Hypericum aureum, 3'-4'
Indigofera amblyantha, 5'-6'
Kerria japonica flore pleno, 4'-6'
Lespedeza formosa, 6'
Ligustrum ibota regelianum, 5'-6'
Lonicera syringantha wolfi, 4'-5'
Neillia sinensis, 4'-5'
Philadelphus lemoinei, 4'-5'
Philadelphus Mont Blanc, 4'-5'
Physocarpus opulifolia nana, 3'-4'
Prunus glandulosa, 4'-5'
Prunus glandulosa alba, 4'-5'
Rhodotypos kerrioides, 4'-6'
Rhus canadensis, 4'-5'
Rosa blanda, 3'-4'
Rosa Grootendorst, 4'-5'
Rosa rubrifolia, 5'-6'
Rosa rugosa, 5'-6'
Sophora viciifolia, 5'-6'
Sorbaria sorbifolia, 5'-6'
Spirea arguta, 4'-5'
Spirea thunbergii, 4'-5'
Spirea trichocarpa, 5'-6'
Spirea triloba, 3'-4'
Stephanandra flexuosa, 5'-6'
Symporicarpus chenaultii, 3'-4'
Symporicarpus racemosus, 4'-5'
Symporicarpus vulgaris, 4'-5'
Viburnum acerifolium, 5'-6'
Viburnum carlesii, 4'-5'
Vitex macrophylla, 5'-6'
Weigela Eva Rathke, 4'-5'

Tall up to 10 ft.

Acer palmatum dissectum, 5'-6'
Aesculus parviflora, 8'-9'
Aronia arbutifolia, 8'-10'
A. melanocarpa grandiflora, 8'-9'
Azalea calendulacea, 9'-10'
Azalea nudiflora, 6'-8'
Azalea pontica, 6'-8'

Deciduous Shrubs — continued

Tall up to 10 ft.

Azalea rosea, 6'-8'
Azalea vaseyi, 10'
Azalea viscosa, 9'-10'
Berberis aggregata pratti, 8'-10'
Berberis vulgaris, 8'-9'
Berberis vulgaris purpurea, 8'-9'
Buddleia alternifolia, 8'-10'
Buddleia veitchii, 8'-10'
Calycanthus floridus, 8'-9'
Cercis chinensis, 8'-10'
Clethra alnifolia, 6'-8'
Cornus alba, 8'-10'
Cornus amomum, 8'-10'
Cornus paniculata, 10'-12'
Cornus stolonifera, 8'-10'
Cornus stolonifera lutea, 6'-8'
Corylopsis sinensis, 9'-10'
Cotoneaster foveolata, 8'-10'
Deutzia magnifica, 8'-10'
Deutzia Pride of Rochester, 8'-10'
Euonymus alatus, 8'-9'
Euonymus hamiltonianus, 9'-10'
Euonymus yedoensis, 9'-10'
Exochorda grandiflora, 8'-10'
Forsythia ovata, 6'-8'
Forsythia spectabilis, 8'-9'
Forsythia viridissima, 7'-8'
Forsythia virid. koreana, 7'-8'
Hibiscus syriacus, 10'
Hydrangea paniculata, 10'
Hydrangea pan. grandiflora, 8'-10'
Ilex verticillata, 8'-10'
Ilex verticillata polycarpa, 7'-8'
Kalkwitzia amabilis, 8'
Ligustrum ibota, 8'-10'
Lonicera fragrantissima, 6'-8'
L. korolkowi floribunda, 8'-10'
Lonicera minutiflora, 8'-10'
Lonicera morrowi, 7'-8'
Lonicera notha, 8'-10'
L. tatarica and varieties, 8'-10'
Magnolia stellata, 10'
Malus floribunda brevipes, 8'
Malus sargentii, 8'
Philadelphus coronarius, 9'-10'
Philadelphus virginicus, 7'-8'
Prunus maritima, 8'-10'
Prunus tomentosa, 7'-8'
Rhamnus frangula, 8'-10'
Robinia hispida, 6'-8'
Rosa rugosa, 6'-8'
Spirea prunifolia, 7'-8'
Spirea van houttei, 6'-8'
Staphylea colchica, 10'-12'
Syringa persica, 8'-10'
Syringa vulgaris varieties, 6'-10'
Vaccinium corymbosum, 6'-8'
Viburnum americanum, 10'

Viburnum cassinoides, 6'-8'
Viburnum dentatum, 10'
Viburnum dilatatum, 8'-10'
Viburnum molle, 10'
Viburnum opulus, 10'
Viburnum sieboldii, 10'
Viburnum tomentosum, 8'-10'
Vib. tomentosum plicatum, 7'-8'
Viburnum wrightii, 8'-10'
Weigela amabilis, 7'-8'
Weigela candida, 6'-8'
Weigela canadensis *Feerie*, 6'-8'
Weigela rosea, 6'-8'
Weigela venusta, 6'-8'
Xanthoceras sorbifolium, 10'

Large above 10 ft.

Acer palmatum and var., 10'-15'
Amelanchier canadensis, 25'
Amygdalus persica, 12'-15'
Azalea arborescens, 15'
Benzoin aestivale, 12'-15'
Cephalanthus occidentalis, 12'-15'
Chionanthus virginica, 20'
Colutea arborescens, 10'-12'
Cornus alternifolia, 15'-20'
Cornus controversa, 25'
Cornus kousa, 15'-20'
Cornus kousa chinensis, 15'-20'
Cornus mas, 15'-20'
Enkianthus campanulatus, 12'-15'
Euonymus europaeus, 12'-15'
Exochorda wilsonii, 10'-12'
Hamamelis japonica, 20'
Hamamelis mollis, 15'
Hamamelis virginiana, 15'
Ligustrum amurense, 10'-12'
Ligustrum ovalifolium, 10'-15'
Lonicera maackii podacarpa, 10'-12'
Lonicera sachalinensis, 10'-12'
Magnolia acuminata cordata, 20'
Magnolia soulangeana, 15'-30'
Malus micromalus, 10'-12'
Photinia villosa, 12'-15'
Rhamnus cathartica, 10'-12'
Rhus cotinus, 12'-15'
Sambucus pubens, 10'-12'
Sorbaria arborea glabrata, 12'-15'
Stewartia pentagona, 12'-15'
Styrax japonica, 18'-20'
Symplocos paniculata, 20'
Syringa chinensis, 12'
Syringa chinensis saugeana, 12'
Syringa vulgaris, 12'-15'
Syringa vulgaris alba, 12'-15'
Viburnum lantana, 12'-15'
Viburnum lentago, 20'
Viburnum prunifolium, 10'-15'

Seashore Planting

Trees

Acer rubrum
Betula papyrifera
Betula populifolia
Crataegus coccinea
Crataegus crusgalli
Juniperus virginiana
Larix europaea
Picea pungens
Picea pungens kosteri
Pinus montana mughus
Pinus nigra
Pinus resinosa
Pinus sylvestris
Pinus thunbergii
Platanus orientalis
Populus balsamifera
Papulus eugenei
Populus nigra italicica
Quercus rubra
Salix elegantissima
Salix pentandra

Shrubs

Berberis thunbergii
Calluna vulgaris and varieties
Clethra alnifolia
Genista tinctoria
Hydrangea arb. grandiflora
Hypericum aureum
Ilex verticillata
Ligustrum ovalifolium
Ligustrum regelianum
Lonicera tatarica
Myrica carolinensis
Prunus maritima
Rhodotypos kerriodes
Rhus canadensis
Rosa lucida
Rosa setigera
Rosa rugosa
Symporicarpus vulgaris
Viburnum cassinoides
Viburnum dentatum
Viburnum lentago

Plants for Autumn Coloring

Trees

Acer ginnala, 12'-20'
Acer rubrum, 50'-75'
Acer saccharum, 50'-75'
Betula lutea, 90'-100'
Carpinus caroliniana, 25'-35'
Cercidiphyllum japonicum, 80'
Cladrastis lutea, 40'-50'
Cornus florida, 15'-25'
Crataegus cardata, 15'-25'
Ginkgo biloba, 90'-100'
Halesia tetrapeta, 20'-25'
Hamamelis mollis, 15'-20'
Liquidambar styraciflua
Nyssa sylvatica, 40'-60'
Oxydendrum arboreum, 25'-30'
Quercus alba, 100'
Quercus coccinea, 75'-90'
Quercus palustris, 75'-90'
Quercus rubra, 75'-90'

Shrubs

Amelanchier species, 4'-20'
Arania arbutifolia, 6'-8'

Arania melanocarpa, 8'-10'
Azalea vaseyi, 10'-12'
Berberis thunbergi, 4'-5'
Berberis triacanthophara, 4'-5'
Berberis vernae, 5'-6'
Celastrus scandens
Clethra alnifolia, 7'-8'
Cornus alternifolia, 15'-18'
Cornus amomum, 8'-10'
Cornus paniculata, 10'-12'
Cataeaster in variety
Enkianthus campanulatus, 12'
Euonymus alatus, 9'-10'
Euonymus americanus, 7'-8'
Hamamelis japonica, 15'-20'
Hydrangea quercifolia, 3'-4'
Mahonia aquifolia, 3'-4'
Phatnia villosa, 12'-15'
Rhus canadensis, 3'-4'
Rhus cotinus, 12'-15'
Spirea prunifolia, 7'-8'
Spirea thunbergi, 4'-5'
Styrax japonica, 18'
Vaccinium corymbosum, 5'-6'
Viburnum (all species)

Shade Trees

Tall

Acer rubrum
Acer saccharum
Betula lutea
Betula nigra
Betula papyrifera
Cercidiphyllum japonicum
Fagus americana
Fagus sylvatica
Fagus sylvatica riversi
Fraxinum americana
Ginkgo biloba
Liquidambar styraciflua
Liriodendron tulipifera
Platanus occidentalis
Platanus orientalis
Pseudolarix kaempferi
Quercus coccinea
Quercus palustris
Quercus rubra
Taxodium distichum
Tilia americana
Tilia platyphylas
Tilia cordata
Ulmus americana
Ulmus campestris

Medium Height

Acer platanoides
Acer platanoides schwedleri
Aesculus hippocastanum
Betula alba
Betula alba laciniata
Betula populifolia
Carpinus betulus
Fagus sylvatica asplenifolia
Gymnocladus dioica
Larix europaea
Larix leptolepis
Magnolia kobus
Nyssa sylvatica
Phelladendron amurense
Papulus bolleyana
Papulus nigra italicica
Populus simoni
Pterostyrax hispida
Quercus phellas
Salix babylonica
Salix pentandra
Sophora japonica
Tilia tamentosa
Ulmus maline

Flowering Trees

Amelanchier canadensis
Aesculus rubicunda
Amygdalus persica
Cercis canadensis
Chionanthus virginica
Cladastis lutea
Cornus florida
Cornus kousa
Cornus mas
Crataegus in variety
Halesia tetrapeta
Laburnum
Magnolia kobus

Magnolia conspicua
Magnolia soulangeana and var.
Malus in variety
Koelreuteria paniculata
Oxydendrum arboreum
Prunus pissardi
Prunus serrulata and varieties
Sorbus aucuparia
Sorbus quercifolia
Stewartia pseudo camellia
Styrax japonica
Styrax abassia
Symplocas paniculata

Suitable Distances for Planting

Large street trees	50 to 60 feet apart
Medium street trees	40 to 50 feet apart
Small street trees	30 to 40 feet apart
Large shrubs	8 to 10 feet apart
Medium shrubs	4 to 6 feet apart
Small shrubs	2 to 3 feet apart
Herbaceous Perennials	6 to 18 inch apart
Ground covers	6 to 12 inch apart

Plant Combinations

Most of the pleasing effects created in the garden are made by arranging complimentary things in such order as to supplement their individual beauty. It seems best to have one item dominant and plant with the whole picture in mind. For example, low spreading subjects should be planted in large numbers as ground cover, from which can spring up definite spikes or mounds of another color. Sometimes succession of flowers or berries, or perhaps mingling of colored bark will supply the missing interest in your garden, sure it is, that careful thought with some fun-giving practice will produce many a thrill. Don't stint with materials or try too many ideas in a small area. Here are a few suggestions:

PERENNIAL BORDER

SPRING

Dicentra spectabilis—*Mertensia*
Anchusa italicica—Yellow Iris
Iberis—*Iris coerulea*—*Alyssum*
Veronica incana—*Iris kaempferi* white
Iris caerulea—*Euphorbia epithymoides*
Iberis Little Gem—*Veronica Heavenly Blue*—*Potentilla verna nana*
Delphinium chinense album—*Eirgeron speciosus*
Heuchera sanguinea—*Aquilegia caerulea*—*Iris germanica* purple
Paeonia festiva maxima—*Dianthus latifolius atrococcineus*
Phlox Miss Lingard—*Campanula persicifolia caerulea*
Phlox Miss Lingard—*Aquilegia chrysanthia*—*Heuchera sanguinea*
Hemerocallis flava—*Baptisia australis*
Anthemis tinctoria kelwayi—*Delphinium Bellamsum*
Rosa hugonis—*Aquilegia caerulea*
Mertensia—*Trillium*—*Phlox divaricata*
Delphinium chinense—*Aquilegia chrysanthia*
Dicentra spectabilis—White Iris—*Iberis*
Alyssum—*Euphorbia polychroma*—*Iris pumila*
Hemerocallis flava—*Iris sibirica*

SUMMER

Cimicifuga racemosa—*Asclepias*
Monarda didyma—*Phlox Mrs. Jenkins*
Dianthus plumarius White—*Viola Jersey Gem*
Lilies—*Papaver Mrs. Perry*
Linum perenne—*Cerastium tomentosum*—*Papaver Mrs. Perry*
Aster frikartii—*Artemisia Silver King*
Coreopsis lanceolata—*Delphinium*
Shasta Daisy—*Anthemis kelwayi*—*Delphinium belladonna*
Anchusa italicica—*Anthemis tinctoria kelwayi*
Phlox paniculata—*Lilium speciosum*—*Veronica subsessilis*
Hemerocallis flava—*Campanula glomerata*
Campanula persicifolia—*Heuchera*
Lilium candidum—*Delphiniums*
Lychnis chalcedanica—White Astilbes
Scabiosa caucasica—*Campanula carpatica*
Trollius—*Anchusa myosotidiflora*
Trollius—*Myosotis palustris*
Campanula persicifolia—*Delphinium Belladonna*
Gypsophila paniculata—*Monarda didyma*
Hemerocallis—*Delphinium*
Shasta Daisy—*Scabiosa caucasica*
Gypsophila paniculata—*Lychnis chalcedonica*
Statice latifolia—*Eryngium*

AUTUMN

Thalictrum dipterocarpum—*Anemone japonica Alice*
Limonium—*Veronica subsessilis*—*Lilium speciosum*
Aster Barr's Pink—*Anemone Whirlwind*
Chrysanthemum Amelia—*Aster frikartii*—*Plumbago*
Cimicifuga simplex—*Aconitum wilsoni*
Eupatorium fraseri—*Helenium Riverton Gem*
Aster Climax—*Helenium Riverton Gem*
Thalictrum dipt.—*Veronica subsessilis*—*Anemone japonica*
Anemone japonica—*Aconitum autumnale*
Buddleia—*Anemone japonica*
Helenium autumnale—*Delphiniums*
Salvia pitcheri—*Helenium pumilum*
Chrysanthemum articum—*Eupatorium coelestinum*

Plant Combinations - continued

ROCK GARDENS

Arabis olpino—*Pulmonorio azurea*
Iris pumilo coeruleo—*Violo lutea*
Linum perenne—*Androsoce lanuginosa*
Phlox subulata Nelsoni—*Viola Jersey Gem*
Iris grociliipes—*Heuchero*
Aubrietio Lovender—*Viola lutea*
Aubrietio Lavender—*Alyssum citrinum*
Dianthus neglectus—*Companulo muralis*
Dionthus deltoides—*Veronica rupestris*
Geranium lancostriense in front of *Iris grociliipes*
Soxifrago mocnabiono—*Androsoce lonuginoso*
Cheiranthus Allioni—*Violo cornuta*
Yellow Sun Rose—*Veronica Rupestris*
Componulo carpatica—*Oenothera missouriensis*
Geum sibiricum—*Phlox subulata Wilsoni*
Gypsophilo repens—*Componula murolis*
Anemone pulsotillo—*Arobis*—*Doronicum*
Arabis—*Iris pumilo* varieties
Camponulo corpotic o lba—*Heuchera*
Alyssum soxotile compoctum—*Anchusa myosotidiflora*
Arabis olpino—*Violo Jersey Gem*
Cerostium tomentosum—*Heuchera sanguinea Rosamonde*
Arenorio montono—*Aquilegio flobelloto*
Popaver alpinum—*Linum perenne*
Popover nudicaule—*Phlox subulata G. F. Wilson*
Geranium sanguineum—*Aquilegio hybrido albo*
Nierembergio rivularis—*Plumbogo lorpentae*
Arobis alpino fl. pl.—*Aubrietio*

GROUPINGS

Betulo populifolia—*Roso nitido*—*Myrica corolinensis*
Viburnum prunifolium—*Juniper virginiona*—*Roso blonda*
Mognolio—Dutch hyocinths (red)
Forsythio suspenso—*Arabis alpino*
Prunus subhirtello pendulo—Grope hyocinths
Iris pumilo—*Spiraea thunbergi*—Red Flowering Peach
Spiroeo thunbergi—Tulips soft lovender
Cercis canodensis—*Crocus* (white)
Pinus strobus—*Rhododendron corolinionum*
Juniperus virginiano—*Cotoneaster horizontalis*
Cratoegus—*Taxus cuspidoto*
Pieris japonico—*Phlox G. F. Wilson*
Leiophyllum buxifolium—*Ajuga reptons*
Cornus florida—*Vinca minor*—Doffodils
Amelanchier conodensis—*Phlox subulata*
Roso corolino—*Cephalonthus occidentalis*
Tsugo conadensis—*Ilex verticillata*

SHRUB PLANTINGS

Amelonchier conadensis—*Azolea vaseyi*—*Viola Jersey Gem*
Hypericum moserionum—*Buddleia*
Amelanachier conadensis—*Dophne cneorum*
Forsythia intermedio spectabilis—*Azolea mucronulato*
Chiononthus virginico—*Lonicera tartorico*
Clethra olnifolio—*Potentillo fruticosa*—*Viburnum lentogo*
Syringo vulgaris—*Syphoricarpos rocemosus*
Syphoricorpos racemosus—*Viburnum omericanum*
Berberis thunbergi—*Ligustrum regal*—*Eleagnus angustifolio*
Cornus stolonifero—*Kerrio japonica flore-pleno*
Cornus stolonifera luteo—*Vaccinium corymbosum*

HERBS

There is perhaps no more interesting and useful purpose to which a small corner can be devoted than a Herb Garden. So many delightful designs and knot gardens can be evolved using most of the herbs listed on page 116. We shall gladly assist in making such a garden for you.

Pruning of Shrubs

The fundamental principle of all pruning is to cut back any shrub just after its normal blooming season. This gives it a chance to produce new wood and new buds before the next blooming season.

It is also necessary with most shrubs to encourage all shoots coming up from the base. Such new growth supplies the vigorous young wood, so prune old wood to the ground.

There are a few exceptions to this rule, such as Lilac, Cotoneaster, Snowberry, Japanese Quince and Sorbaria, which produce good young shoots anywhere along the older branches.

Pruning is injurious if improperly done. Branchlets and twigs should be cut with a sharp knife or pruning shears. Heavy branches may be removed with a pair of lopping shears, or a saw. Large wounds should be thoroughly covered with a good tree paint. Cut each branch or twig back to the next larger one so that no useless stub is left. Small branches or twigs should be cut just above a strong bud, if possible.

Normally, excessive pruning when planting is unnecessary, if the shrubs have a good root system and the plants are fertilized and well cultivated after planting, but severe pruning is desirable with late spring planting after growth has commenced.

Most shrubs need not be pruned back more than one-third. Such shrubs as Buddleia, Callicarpa, and Vitex will often die back part way at least, when planted. They should be pruned to within 6 or 8 inches of the ground. Heavy pruning at planting has one big advantage with shrubs that are inclined to be scraggly. It causes the development of a more compact specimen.

Shrubs which are grown mainly for their winter twig effect should be pruned just before growth starts, by cutting out all wood over a year old each spring. Those that are grown mostly for their foliage effect may also be pruned in the spring, except for the slow conservative growers, and they need only an occasional thinning out of the very old poorly placed branches.

Shrubs with ornamental fruits, as well as flowers, should not be pruned until the fruit has withered or gone, and then cut but sparingly, to preserve the following year's crop of flowers and fruits.

Rejuvenating Old Shrubs

Old shrubs which have not been pruned for a number of years may be completely pruned at one time, but will be unattractive for a season or two. It is advisable to cut about one-third of the oldest branches to the ground each season. In this way the shrub can be completely rejuvenated in a few years' time without any severe hardship to the shrub or to the landscape effect.

Planting Calendar for Bulbs

Bulb	Time to Plant	Depth to Plant in Inches
Colchicum	November	2-3
Chionodoxa	September—October	3
Colchicum	Early August	2
Crocus	August—September—October	3-4
Eranthis	August	3
Erythronium	September	3-4
Fritillaria	September	2-3
Galanthus	August	2
Hyacinth	September	6-7
Iris (bulbous)	September—October	3-4
Leucojum	September—October	4-5
Lilium auratum	November—December	10-12
Lilium batemanioe	November	6
Lilium candidum	August—September	2-3
Lilium canadense	November	10
Lilium chalcedonicum	October—November	4
Lilium elegans	November	5
Lilium hansonii	November	6
Lilium henryi	November—December	10
Lilium martagon	October—November	4
Lilium regale	November	8
Lilium speciosum	November—December	10
Lilium superbum	November	5
Lilium tenuifolium	October—November	4
Lilium tigrinum	November	9
Muscari	September—October	2-3
Narcissus	September	4-8
Ornithogalum	September	2-3
Scilla	September—October	2-3
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Memoranda

Conditions of Sale

Orders Are Accepted Subject to prior sale, and to condition of stock at delivery date, under the following terms.

Goods in Transit—All goods are at purchaser's risk after they are delivered to the forwarding companies and we receive their receipt for the shipment in good condition.

Claims must be made within **five days** after receipt of goods.

Prices in this catalogue cancel all previous lists and quotations, are subject to change without notice and they are F.O.B. our nurseries, packing extra. The price columns indicate the unit price for each plant. The **ten** rate applies to purchases of 5 to 24 plants of same size and variety. The **hundred** rate applies to purchases of 25 or more plants of same size and variety.

Terms Cash—For customers of established credit accounts will be opened due in 30 days from date of invoice. Interest at six per cent (6%) per year will be charged on all accounts from due date. Orders for C.O.D. shipment must be accompanied by one-third of the amount.

Special Selection—Plant materials specially selected at the nursery will be sold at prices commensurate with the value of the specimens chosen, irrespective of the listed prices.

Ball and Burlap—The specification "B&B" in this list signifies digging with a ball of earth, which, where indicated, is included in the price. For digging all other items (not specified B&B) in this manner, there is an additional charge based upon the dimensions of the earth ball as follows:

9" diam.....\$.35	21" diam.....\$ 2.75	42" diam.....\$13.00
12" diam..... .50	24" diam..... 4.00	48" diam..... 17.50
15" diam..... 1.00	30" diam..... 6.00	54" diam..... 24.00
18" diam..... 1.75	36" diam..... 9.00	60" diam..... 32.50

Platforms, as part of our equipment, are to be returned.

SCHEDULE OF DELIVERY CHARGES

Amt. of Order on one delivery	First Zone 1-15 miles	Second Zone 15-30 miles	Third Zone 30-50 miles
\$1,000 or more \$500 to \$999 \$300 to 499 \$100 to 299 Less than \$100	Free..... Free..... Free..... Free..... \$3.00.....	Free..... Free..... Free..... 5% of order... \$5.00.....	Free..... Free..... 5% of order... 8% of order... \$8.00.....
Amt. of Order on one delivery	Fourth Zone 50-75 miles	Fifth Zone 75-100 miles	Additional information on special deliveries given on request.
\$1,000 or more \$500 to \$999 \$300 to 499 \$100 to 299 Less than \$100	Free..... 5% of order... 8% of order... 10% of order. \$10.00.....	5% of order... 8% of order... 10% of order Ship..... Ship.....	

Delivery Dates are made subject to enforced delay caused by weather or other conditions beyond our control.

BOXING CHARGES

Length	12x15"	15x16"	17x20"	19x24"	23x28"	27x32"	31x36"
4'	.75	1.00	1.25	1.50	1.75	2.00	2.50
6'	1.00	1.25	1.50	1.75	2.00	2.50	2.75
8'	1.25	1.50	1.75	2.00	2.50	2.75	3.25
10'	1.75	2.50	2.75	3.25	3.50	4.00	4.50
12'		3.00	3.25	3.50	4.00	5.00	5.50
14'			3.75	4.00	4.25	5.50	6.00



